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EDWARD TELLER

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1952-1955

DEPARTMENT OF THE AIR FORCE
WASHINGTON

AFCAG-14

16 Jun 55

SUBJECT: Letter Order C-895

TO: Personnel Concerned

1. The following-named members of the Scientific Advisory Board are authorized to proceed at such times as may be necessary during the period 1 July 1955 to 30 June 1956, both dates inclusive, from addresses indicated to such places as may be necessary within the continental limits of the United States, on temporary duty for the purpose of carrying out duties as members of the Scientific Advisory Board, and upon completion of each mission return to respective addresses:

Dr. John Strong
Professor of Experimental Physics
Johns Hopkins University
34th and Charles Street
Baltimore 18, Maryland

Mr. Philip G. Strong
2430 E Street, N. W.
Washington 25, D. C.

Professor Edward S. Taylor
Massachusetts Institute of Technology
Cambridge, Massachusetts

Dr. Edward Teller
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

2. Travel by military or commercial aircraft, commercial rail and/or bus, and privately owned conveyance at the rate of seven cents (.07) a mile is authorized. The reimbursement for travel by privately owned conveyance limited to cost to the Government of travel by usual common carrier and reimbursement for per diem while traveling by privately owned conveyance limited to travel time by usual common carrier except when the expense voucher includes the statement "Travel by privately owned conveyance has been administratively determined more advantageous to the Government." Use of the lowest rate enclosed accommodations available which meets security requirements and the furnishing of any additional transportation when required under carriers tariffs for the exclusive occupancy thereof, is authorized.

3. Travel in connection with meetings under provisions of Air Force Regulation 11-8 not authorized by this order.

4. These orders may be used only upon receipt of a letter of authorization from the Secretariat, Scientific Advisory Board, each time travel is performed.

5. Per diem allowance of nine dollars ($9.00) is authorized except as changed by the applicable provisions of paragraph 19, chapter 9, Air Force Manual 40-10.

6. Travel directed is necessary in the public service. 5763400 043-4861 P 481-02, 03,07 S49-615.

BY ORDER OF THE SECRETARY OF THE AIR FORCE:

E. E. TORO
Colonel, USAF
Air Adjutant General

DISTRIBUTION:
60 Each person concerned
1 AFCAG-14
1 AFCSA
8 AFCSS-AD

DEPARTMENT OF THE AIR FORCE
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HEADQUARTERS U.S. AIR FORCE

EJB-55-180

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E+B-55-207

~~SECRET~~

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

17 August 1955

Gentlemen:

Attached for your information is a copy of a memorandum received from the Vice Chief of Staff, General White, regarding the recent report of the committee.

Sincerely,

Chester N. Hasert

CHESTER N. HASERT
Technical Director
Scientific Advisory Board
Office of the Chief of Staff

Inclosure
Gen. White's memo
dtd 12 August 1955

returned to SAB 3/28/58

AD HOC COMMITTEE ON AIRCRAFT NUCLEAR PROPULSION

Dr. Clark B. Millikan (Chairman)
Mr. Allen F. Donovan
Mr. L. Eugene Root
Mr. George Schairer
Dr. Mark M. Mills
Mr. Addison M. Rothrock
Prof. Edward S. Taylor
Mr. Gale Young
Dr. William D. Rannie
Dr. Shields Warren
Dr. Edward Teller
Dr. H. Guyford Stever
Mr. Robert Widmer

If inclosure No. ~~2~~ 1 is withdrawn (or not attached) the classification of this correspondence will be downgraded to Uncl. in accordance with Para. 25e, AFR 205-1.

~~SECRET~~

EJB-55-170

5/27

EJB-55-88

~~SECRET~~

~~RESTRICTED DATA - ATOMIC ENERGY ACT 1954~~

DEPARTMENT OF THE AIR FORCE
Headquarters United States Air Force
Washington 25, D.C.

20 May 1955

MEMORANDUM TO MEMBERS OF THE SCIENTIFIC ADVISORY BOARD AD HOC COMMITTEE ON AIRCRAFT NUCLEAR PROPULSION

SUBJECT: Coordination of Draft Report.

1. Attached is the first draft of the proposed report of the Aircraft Nuclear Propulsion Ad Hoc Committee.

2. Your approval or suggested changes are requested as promptly as possible, to be forwarded to this office.

Chester N. Hasert

CHESTER N. HASERT
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff

Dr. Clark B. Millikan
Mr. Allen F. Donovan
Mr. L. Eugene Root
Mr. George Schairer
Dr. Mark M. Mills
Mr. Addison M. Rothrock
Prof. Edward S. Taylor
Mr. Gale Young
Dr. William D. Rannie
Dr. Shields Warren
✓Dr. Edward Teller
Dr. H. Guyford Stever
Mr. Robert H. Widmer

returned to SAB 3/28/56

Inclosure
Draft of ANP report, cy 11A

If inclosure No. ONE is withdrawn (or not attached) the classification of this correspondence will be downgraded to UNCLASSIFIED in accordance with Para. 25e, AFR 205-1.

~~SECRET~~

~~RESTRICTED DATA - ATOMIC ENERGY ACT 1954~~

EJB-55-170
ET

~~SECRET~~

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

22 April 1955

MEMORANDUM FOR ALL MEMBERS OF THE SAB AD HOC COMMITTEE ON AIRCRAFT NUCLEAR PROPULSION

1. As you know, General Putt has requested the Scientific Advisory Board to make a study of the operational availability of nuclear powered aircraft and has stated the problem in a letter dated 10 February 1955 addressed to the Chairman of the SAB, a copy of which is attached (Inclosure 1). At the meeting of the SAB Executive Committee at RAND, Dr. Kelly appointed Dr. Millikan to chairman an Ad Hoc Committee to investigate this problem.

2. We are pleased that you have been able to accept membership on this Ad Hoc Committee. The complete membership of this Committee is listed in Inclosure 2.

3. The first meeting of the Ad Hoc Committee is scheduled for May 11-12 in Washington. All members will meet in Room 4E343, Pentagon, and the meeting will start at 0930.

4. Presentations will be made by Pratt & Whitney, General Electric, Nuclear Development Associates, Oak Ridge National Lab., Boeing, Convair, and Lockheed, as well as General Keirn and Hq. USAF representatives. An agenda will be sent to you shortly.

5. Inclosed for your further information are:

(a) (Inclosure 3) Copy of Air Force Operational Requirement for an ANP airplane.

(b) (Inclosure 4) Some remarks concerning the ANP airplane by Brig. Gen. Marcus Cooper, Assistant for Development Planning, Deputy Chief of Staff, Development, Hq. USAF.

(c) (Inclosure 5) A copy of a memorandum on ANP prepared at Mr. Quarles' request (Office, Secretary of Defense, Research & Development) jointly by his Technical Advisory Panels on Atomic Energy & Aeronautics. It is cautioned that this is a TAP report submitted to the OSD Coordinating Committees and consequently does not yet represent policy. We hope to have a member of this group

~~SECRET~~

If inclosures 1, 3, 4, 5, 6 are withdrawn (or not attached) the classification of this correspondence will be downgraded to UNCLASSIFIED in accordance with Para. 25e, AFR 205-1.

~~SECRET~~

at the May 11-12 meeting.

(d) (Inclosure 6) A copy of the SAB Aeromedical Panel report briefly describing recent data concerning radiobiological effects.

6. The Reactor Subcommittee of the AEC's General Advisory Committee is meeting at the Pratt & Whitney plant April 22 to hear presentations made jointly by P & W and ORNL. Messrs. Rothrock and Young of the SAB Ad Hoc ANP Committee are attending this meeting as invited observers, and will be able to furnish a first hand impression of this activity.

Chester N. Hasert

CHESTER N. HASERT
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff

Inclosures - 6
1. Ltr. dtd 10 Feb frm Gen. Putt - ETB-55-171
2. ANP Membership List
3. AF Operational Rqmts for ANP airplane
4. Remarks by Gen. Cooper - ETB-55-172
5. Memo frm Mr. Quarles
6. Cy Aeromedical Panel Rpt.

Returned to SAB
3/28/58

~~SECRET~~

EJ13-55-176

~~S E C R E T~~

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D.C.

11 April 1955

Forwarded for your information are the Air Force comments on the Interim Report of the Scientific Advisory Board Ad Hoc Committee on Nuclear Propulsion of Missiles.

Chester N. Hasert

1 Incl
Memo to SAB fr
Gen Thatcher, 31 Mar 55

CHESTER N. HASERT
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff

Returned to SAB 3/18/58

Dr. Mark M. Mills (Chairman)
Dr. N. E. Bradbury
Mr. A. F. Donovan
Professor P. E. Duwez
Dr. L. Dunn
Dr. D. Froman (Consultant)
Dr. C. B. Millikan
Dr. W. D. Rannie
Mr. A. M. Rothrock
Dr. A. Silverstein (Consultant)
Professor C. R. Soderberg (1954)
Professor E. S. Taylor
Dr. E. Teller
Professor John von Neumann
Dr. H. F. York
Dr. Gale Young
Dr. Homer T. Gitting
Mr. R. W. Bussard
Dr. Robert Fox

When Incl. #1 is withdrawn or not attached, the classification on this correspondence will be changed to UNCLASSIFIED in accordance with Para 25e, AFR 205-1

~~S E C R E T~~

EJ-B-55-177

SECRET

**NATIONAL ADVISORY COMMITTEE FOR AERONAUTICS**

1512 H STREET, NORTHWEST
WASHINGTON 25, D. C.

TELEPHONE: LIBERTY 5-6700

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LT. GEN. DONALD L. PUTT, U. S. A. F
DONALD A. QUARLES, D. ENG.
ARTHUR E. RAYMOND, SC. D.
FRANCIS W. REICHELDERFER, SC. D.
OSWALD RYAN, LL. D.
GEN. NATHAN F. TWINING, U. S. A. F

April 7, 1955

LANGLEY AERONAUTICAL LABORATORY
LANGLEY FIELD, VA.

AMES AERONAUTICAL LABORATORY
MOFFETT FIELD, CALIF.

LEWIS FLIGHT PROPULSION LABORATORY
21000 BROOKPARK ROAD, CLEVELAND 11, OHIO

Dr. Edward Teller
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

returned to SAB 3/28/58

Dear Doctor Teller:

I am enclosing a copy of RM 54H23. This report contains material that I presented at the range discussions at the meeting of the Scientific Advisory Board in Omaha.

Very truly yours,

Addison M. Rothrock

Addison M. Rothrock
Assistant Director for Research

Enclosure
Cy 14 of RM 54H23

(When separated from enclosures, handle this document as unclassified).

SECRET

ETB-55-180

~~SECRET~~

COPL-109
This document consists of 1 pages.
No. 18 of 18 copies. Series a.

February 8, 1955

To: Members of the Ad Hoc Committee on Nuclear Missile Propulsion

You will find appended a copy of our report to the SAB on the nuclear ramjet, rocket, turbojet problem. This is substantially the report you have approved, except for a few minor corrections which you have suggested.

I have learned since the meeting of the Ad Hoc Committee that there is already a substantial amount of work underway on this problem by the General Electric ANP Group.

I hope very much that all members of the Ad Hoc Committee will be able to get together on Wednesday, 23 March, 1955 at the Rand Corporation, 1700 Main Street, Santa Monica, California. We hope at that time to learn details of these other studies which were not given at the original Ad Hoc Committee Meeting.

Mark Mills

Mark M. Mills

returned report to Mills 3/3/58

MMM/cgk

Distribution:
1A - J. Doolittle
2A - D. Putt
3A - N. Bradbury
4A - A. Donovan
5A - P. Duwez
6A - L. Dunn
7A - D. Froman
8A - C. Millikan
9A - W. Rannie
10A - A. Rothrock
11A - A. Silverstein
12A - C. R. Soderberg
13A - E. Teller
14A - J. von Neumann
15A - H. York
16A - G. Young
17A - C. Hasert
18A - M. Mills

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EDWARD TELLER

E-T B-55-202

~~SECRET~~

~~RESTRICTED DATA~~

~~ATOMIC ENERGY ACT 1954~~

Attached as Inclosures

The RAND Corporation

1700 MAIN ST. · SANTA MONICA · CALIFORNIA

5 August 1955 L-13319

When separated Unclassified

Dr. Edward Teller
University of California
Radiation Laboratory
P.O. Box 808
Livermore, California

Dear Edward:

You may be interested in the enclosed report and a copy of our "official" letter of transmission. Bethe spent the better part of two days going over Al's and Dick's opus on the vulnerability of an ICBM. As you can see, Bethe's view is more conservative (and probably sounder) than ours!

We are looking forward keenly to your forthcoming visit. Love from Frances to Mici. You too!

Sincerely,

Ernie

Ernst H. Plesset

returned to Tech Info 2/1/55 pending

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Encl. RM-1507, Copy No. 61
Copy of L-13045.

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~~RESTRICTED DATA~~
~~ATOMIC ENERGY ACT 1954~~

(206-attached)

Attached as Enclosure

The RAND Corporation

1700 MAIN ST. • SANTA MONICA • CALIFORNIA

May 9, 1955 L-8271

When separated Unclassified

Dr. Edward Teller
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

Dear Dr. Teller:

Last October Charlie Hitch wrote you enclosing a memorandum (D-2426) relating to national vulnerability to urban bombing attack, and promising to send you further papers in this field written along the lines suggested in your discussions with us during the summer. At his suggestion, I am enclosing another document which we have recently completed. Like the first, this is an internal RAND document sent to you in your capacity as a RAND consultant.

We will be happy to receive any comments you care to make on the material enclosed, or to hear your thoughts on the general problem.

Sincerely,

Jack Hirshleifer

Jack Hirshleifer
Economics Division

JH:lf
Encl: (1) D-2786-1 (SRD), Copy No. 64

This letter does not contain restricted data.

returned to Tech Info 2/11/58 for disp.

~~SECRET~~

IF ENCLOSURES ARE WITHDRAWN OR NOT ATTACHED THE CLASSIFICATION OF THIS CORRESPONDENCE WILL BE CANCELLED

November 30, 1955

Dr. John von Neumann
U. S. Atomic Energy Commission
1901 Constitution Avenue, NW
Washington 25, D. C.

Dear Johnie:

Enclosed is a somewhat formal letter of the kind you asked for.

I will be in Washington for a short time on the 12th and will call you. Mici can not come on this occasion either, but I hope to bring her for a longer time later.

Sincerely yours,

Edward Teller

ET:mr

Enclosure

(Copy of enclosure to:
Dr. Norris E. Bradbury
Mr. David T. Griggs
Dr. George B. Kistiakowsky
Mr. L. Eugene Root
Dr. Herbert S. Scoville, Jr.
Dr. Edward Teller
Dr. Herbert F. York
Dr. Chas. C. Lauritsen )

November 30, 1955

Dr. John von Neumann
U. S. Atomic Energy Commission
1901 Constitution Avenue, NW
Washington 25, D. C.

Dear Johnie:

This is to answer your letter concerning the SAB Committee. I am sure that I have not paid sufficient attention to the work of the panel and I suspect that I am not the only one who has been absent from some of the meetings. I do not know how we should proceed from here but I have three tentative suggestions.

First, that the essential business of the panel should be transacted at a special panel meeting rather than in conjunction with the meeting of the SAB as a whole. Special meetings can be arranged in such a way that essentially all members could attend. The general SAB meeting is set without reference to the convenience of the members. I think, therefore, that the shift of emphasis will be helpful.

Second, I feel that the panel should be composed of people who expect to be able to attend all essential meetings. I would myself believe that I could perhaps be excused from further duty because things are getting a little bit too hectic for me. I would still want to continue to serve only if you and others feel that it is really essential, in which case, however, I will, unhappily, decide to come to all essential meetings.

Third, I should like to suggest that as long as you are as busy as you must be at the present time, you might temporarily get yourself a vice-chairman with the assignment of worrying about topics to be discussed, insuring that all members will be present, and writing the reports. I would hope that at the proper time you can get things fully into your own hands, since I believe that the job is really quite important.

All of the above statements are clearly tentative except for my definite desire to reduce my own commitments if that is possible. I do not suppose that these suggestions amount to much and I would not have made them except for the fact that you asked for them.

Sincerely yours,

o/s Edward Teller

Edward Teller

ET:mr
cc: All panel members.

October 11, 1954

Mr. Chester N. Hasert
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff
Headquarters United States Air Force
Washington 25, D. C.

Dear Mr. Hasert:

Dr. Teller has found that, contrary to his expectations, he will be able to attend the October 18-19 meetings at the Pentagon, in Washington, D. C.

Very truly yours,

Ruth P. Brockett
Secretary to Edward Teller

UNIVERSITY OF CALIFORNIA

LOS ALAMOS SCIENTIFIC LABORATORY
(CONTRACT W-7405-ENG-36)
P. O. Box 1663
LOS ALAMOS, NEW MEXICO

IN REPLY
REFER TO:

July 7, 1954

Dr. Edward Teller
Livermore Site, UCRL
Post Office Box 808
Livermore, California

Dear Edward:

Could you be so good to send me your comments on the drafts concerning the two categories of weapons that we discussed at the panel meeting in Washington on May 31 and June 1? I would be greatly obliged to you if I could have your response in Los Alamos no later than July 15. I have already received the comments of N. E. Bradbury, C. C. Lauritsen, and G. B. Kistiakowsky. (Hans Bethe is abroad and cannot be reached before fall; however, I would like to be able to rewrite the draft on the basis of the comments of the other members of the panel.)

With best regards,

Yours sincerely,

John

John von Neumann

JvN:li

Sorry to have missed you here on June 5, hope to see you soon — J.

DISPATCHED
JUL 8 1954
Los Alamos Scientific Laboratory
P. O. Box 1663
Mail & Records

THE INSTITUTE FOR ADVANCED STUDY
PRINCETON, NEW JERSEY

SCHOOL OF MATHEMATICS

April 26, 1954

Dear Edward:

As you know, several members of the Panel have suggested that we hold a meeting at some time other than a general SAB meeting to discuss questions of general philosophies and policies connected with the development and function of nuclear weapons, particularly in connection with the Air Force mission.

I hope that you will be able to attend a meeting for this purpose on May 31, June 1 in Washington, D.C. We meet at the SAB office at the Pentagon, Room 4 E 337. (Tel: LIberty 5-6700, Ext. 71058 or 73359 or 53797.)

Please let me know whether this date is acceptable to you. I have asked Mr. C.N. Hasert of the Secretariat of the SAB to send you the necessary travel papers in any case.

With best personal regards,

Sincerely yours,

John

John von Neumann

JvN:eg

Dr. Edward Teller
Radiation Laboratory
P.O. Box 808
Livermore, California

~~SECRET~~

December 3, 1954

To: Members of the Ad Hoc Committee on Nuclear Propulsion of Missiles of the Scientific Advisory Board

You will find enclosed a rough draft of remarks concerning the review of the nuclear propulsion of missiles of October 18th and 19th. I would very much appreciate receiving your comments and recommendations at your early convenience.

Sincerely,

Mark

Mark M. Mills

Copies to:

Mr. Allen F. Donovan
Prof. Pol E. Duwez
Dr. Louis G. Dunn
Dr. Clark B. Millikan
Dr. William D. Rannie
Mr. Addison Rothrock
Prof. C. Richard Soderberg
Dr. Edward Teller
Prof. John von Neumann
Dr. Herbert F. York
Dr. Gale Young
Dr. Mark M. Mills (File)

~~The document transmitted herewith contains Restricted Data.~~

WHEN SEPARATED FROM INCLOSURES, HANDLE THIS ~~DOCUMENT~~ letter AS Unclassified

~~SECRET~~

April 28, 1954

Mr. Chester N. Hasert
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff
Headquarters United States Air Force
Washington 25, D. C.

Dear Mr. Hasert:

Copy 10B of ARA-146, assigned to Dr. Teller, has been reclassified in accordance with your request of 22 April 1954.

Very truly yours,

Ruth P. Brockett
Secretary to Edward Teller

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

22 April 1954

Dr. Edward Teller
Radiation Laboratory
P. O. Box 808
Livermore, California

Dear Dr. Teller:

We recently supplied you with Copy 10 of Allied Research Associates, Inc., report, Document No. ARA-146.

This document should be reclassified "Secret -- Restricted Data" in lieu of its present classification of "Secret".

Please confirm with this office that the change has been noted and made.

Sincerely,

C. N. Hasert

C. N. HASERT
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff

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[...] PAPER

VI

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

28 July 1953

Dr. Edward Teller
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

Dear Dr. Teller:

Since the publication of the "Report of the Panel on Nuclear Weapons" of the Scientific Advisory Board (24 June 1953), it has been determined that the document and supporting drafts and papers must be upgraded to TOP SECRET, RESTRICTED DATA.

Please take immediate action properly to safeguard the report, earlier drafts, and supporting papers, and to correct the security notation from "Secret, Security Information, Restricted Data" to read: "Classification changed to Top Secret, Restricted Data, by Authority of Chief of Staff, USAF, by D. D. Whitcraft, Jr., Major, USAF, 27 July 1953." If these changes cause handling or storage difficulties with which I can help, please wire or call me at once. For your information, Paragraph 8b, AFR 205-1, 24 July 1953, with regard to storage of Top Secret material, reads:

"b. TOP SECRET and Registered Matter. Except as specifically provided in g below for registered cryptomaterial, TOP SECRET and all registered matter will be stored in the most secure facilities available as hereinafter set forth:

(1) Normally, such matter will be stored in a safe, steel file cabinet, or other steel container having a three-position dial-type combination lock and being of such weight, size, construction, or installation as to minimize possibility of physical theft or damage by fire or tampering.

(2) In lieu of such a container the matter may be stored in a secure room or vault which affords equivalent protection and is approved for such use by the commander of the installation, provided that the room or vault is kept securely locked when not in use. Such approval will not be construed to relieve the custodian of any responsibility for the security of the classified matter.

(3) If the foregoing safeguards are not available, matter so classified will be kept under the surveillance of an armed guard when it is not in use."

I would very much appreciate a note from you indicating that the above has been accomplished. Thanks very much for your help.

Sincerely,

Daniel D. Whitcraft Jr.

DANIEL D. WHITCRAFT, Jr.
Major, USAF
Security Officer
Scientific Advisory Board
Office of the Chief of Staff

August 3, 1953

Major D. D. Whitcraft, Jr.
Security Officer
Scientific Advisory Board
Office of the Chief of Staff
Headquarters U. S. Air Force
Washington 25, D. C.

Dear Major Whitcraft:

This is to advise you that the material indicated in your telegram and letter of 28 July has been upgraded, in accordance with your instructions. The only pertinent documents in Dr. Teller's possession are copy 8A of "Recommendations", copy 18A of "Proposed Text" and copy 10A of the final report. I hope this inventory tallies with the U.S.A.F. records.

The storage facility here is a steel safe, with three-position dial-type combination, and it is located in the vault of our Information Division. Although it has never been, to my knowledge, personally inspected by an Air Force representative, Dr. Teller does keep other, similarly restricted material sent him from Rand, under his Air Force contract with them, in this safe, as well as AEC documents of this description.

If there is any further information that you would like to have, please let me know.

Sincerely,

Ruth P. Brockett
Secretary to Edward Teller

May 6, 1953

Professor C. Richard Soderberg
Department of Mechanical Engineering
Massachusetts Institute of Technology
Cambridge 39, Massachusetts

Dear Professor Soderberg:

I have read your final report of the Ad Hoc Committee on ANP and think it is excellent. I am sorry my reply has taken so long, but I have been out of town a good deal of the time since the report arrived. The report makes me think we certainly have not wasted our time!

It has given me great pleasure to serve on your Ad Hoc Committee, and if any further work is needed I would be most glad to contribute my help.

Very truly yours,

Edward Teller

HOOVER INSTITUTION LIBRARY & ARCHIVES

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

MAY 4 1953

Dr. Edward Teller
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

Dear Dr. Teller:

As you probably know, the Scientific Advisory Board's Executive Committee recently approved a proposal that a committee of Board members be appointed to assist in selecting and obtaining individuals to serve as Chief Scientist of the Air Force. Mr. David T. Griggs has accepted my invitation to serve as the first chairman of this committee, and has requested your services.

I take pleasure in extending to you an invitation to take part in this important work. The proposed scope of activity of this committee is attached.

Cordially,

Theodore von Karman

THEODORE VON KARMAN
Chairman
Scientific Advisory Board
Office of the Chief of Staff

Inclosure

NOTE PAPER

## CHIEF SCIENTIST SELECTING COMMITTEE

The purpose of the Committee is to prepare a list of suitable, available, and willing candidates for the position of Chief Scientist, Headquarters U. S. Air Force. Such a list will then be sent to the Chief of Staff for approval and priority grading and will then be returned to the Committee which will make the formal approach to the individuals selected. Candidates will be asked to stay on this job for at least one year and preferably longer. It may be possible to keep two people on the job most of the time so that there will be appropriate overlap. The Committee will be a continuing one in order to keep successors picked out. The principal requirement for candidates is that they will be acquainted with members of the scientific community. Other qualifications such as familiarity with Air Force research and development or stature in science are secondary. Presumably the membership of the selecting committee will be gradually rotated to prevent this work from becoming too much of a burden for anyone.

Phoned 745am 7/29 [illegible]

# WESTERN UNION

W. P. MARSHALL, PRESIDENT

CLASS OF SERVICE

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1204

SYMBOLS

DL=Day Letter

NL=Night Letter

LT=Int'l Letter Telegram

VLT=Int'l Victory Ltr.

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NO 4 SF PD MC MCCLELLAN AFB CALIF 1145 AM JULY 28

DR EDWARD TELLER
UNIV OF CALIF RADIATION LABORATORY
PO BX 808, LIVERMORE CALIF

34822 SAB NUCLEAR WEAPONS REPORT OF 24 JUNE 1953 NOW CLASSIFIED TOP SECRET RESTRICTED DATA PLEASE TAKE APPROPRIATE ACTION CONCERNING STORAGE AND HANDLING OF COPIES NOTES AND DRAFTS LETTER FOLLOWS ACTION COPIES ALSO SENT TO DR C C LAURITZEN CALIF ISTITUTE OF TECHNOLOGY 1202 E CALIF ST PASADENA CALIF MR L EUGENE ROOT DIR OF DEVELOPMENT PLANNING LOCKHEED ACFT CORP BOX 551 BURBANK CALIF

HEADQUARTERS US AIR FORCE WASH DC

720 AM

THE COMPANY WILL APPRECIATE SUGGESTIONS FROM ITS PATRONS CONCERNING ITS SERVICE

~~TOP SECRET~~
~~SECURITY INFORMATION~~

johnny

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

~~RESTRICTED DATA~~
~~ATOMIC ENERGY ACT — 1946~~

18 November 1953

MEMORANDUM FOR THE MEMBERS OF THE NUCLEAR WEAPONS PANEL

Attached is a copy of Professor von Neumann's edited version of his Panel Chairman's report to the Board at Colorado Springs. We propose to submit this report to the Chief of Staff, pending your approval. Please wire immediately your approval, or comments, if you have any reservations.

C. N. Hasert

C. N. HASERT
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff

Inclosure
Cy 8, series B,
NW Pnl rpt
21 Oct 53

If inclosure No. 1 is withdrawn (or not attached), the classification of this correspondence will be downgraded to unclassified in accordance with paragraph 9d AR 380-5

~~RESTRICTED DATA~~
~~ATOMIC ENERGY ACT — 1946~~

~~TOP SECRET~~
~~SECURITY INFORMATION~~

May 18, 1953

Major M. P. Maier, Executive Secretary
Scientific Advisory Board AFCSA
Room 4C 340, The Pentagon
Headquarters, U. S. Air Force
Washington 25, D. C.

Dear Major Maier:

Thank you for your letter of May 11, which I have just seen, upon my return from a trip to Washington. I am enclosing for your information a copy of my letter to Professor Soderberg, giving my comments on Appendix III to the May 4 report.

I would indeed appreciate it if my name could be stricken from the list of signers to this appendix. My main concern is, however, that if possible the minor change be made and that there should be good feeling about the whole thing. Whatever is thought best to do will be satisfactory to me.

Sincerely,

Edward Teller

Encl.

cc: Professor C. Richard Soderberg

—NDA NUCLEAR DEVELOPMENT ASSOCIATES, INC.
80 GRAND STREET, WHITE PLAINS, N. Y. - WHITE PLAINS 8-5800

~~RESTRICTED~~

~~SECURITY INFORMATION~~ May 14, 1953

Dr. Edward Teller
University of California Radiation Laboratory
Livermore, California

Dear Ed:

Enclosed are the notes and memos you wrote in connection with the SAB report. Material covered in the main report was largely eliminated in the second writing. There was a request for speed in connection with Washington events, and a hand draft only was submitted to Professor Soderberg. In comparing with the rest of the report, he felt that our tables appeared too technical, and so these were eliminated also. I hope that the result of all this has not done too much dis-service to your views, and regret that time did not permit another orderly go-around.

Sincerely yours,

Gale

Gale Young

GY:LS

WHEN SEPARATED FROM ENCLOSURES, HANDLE THIS DOCUMENT AS unclassified

~~RESTRICTED~~

~~SECURITY INFORMATION~~

SECRET
SECURITY INFORMATION
RESTRICTED DATA
ATOMIC ENERGY ACT - 1946

11 March 1953 L-2765

Dr. Gale Young
Nuclear Development Associates, Inc.
80 Grand Street
White Plains, New York

Dear Gale:

The enclosed screed is probably not just what you had in mind, but represents my thoughts on the general subject I was asked to write about. It will probably not fit at all smoothly with your first three pages, and I hereby give you my blessing on chopping it up or discarding it as you like.

I am sending a copy to Teller for his criticism - to be sent to you.

Sincerely,

David T. Griggs

DTG:clg

cc: E. Teller ✓

Encl.

SECRET
SECURITY INFORMATION

IF ENCLOSURES ARE WITHDRAWN OR NOT ATTACHED THE CLASSIFICATION OF THIS CORRESPONDENCE WILL BE CANCELLED IN ACCORDANCE WITH PAR. 25K AFR 205-1.

NOTICE — This document contains information affecting the national defense of the United States within the meaning of the Espionage Act (U. S. C. 50:31, 32). The transmission of this document or the revelation of its contents in any manner to any unauthorized person is prohibited.

AF

2430 E Street, N. W.
Washington 25, D. C.

8 December 1955

DOMESTIC SERVICE
Check the class of service desired; otherwise this message will be sent as a full rate telegram

| | | | |
|---|---|---|---|
| FULL RATE TELEGRAM | X | | |
| DAY LETTER | | NIGHT LETTER | |

# WESTERN UNION

W. P. MARSHALL, PRESIDENT

1206

INTERNATIONAL SERVICE
Check the class of service desired; otherwise this message will be sent at the full rate

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| FULL RATE | | LETTER TELEGRAM | |
| VICTORY LETTER | | SHIP RADIOGRAM | |

| NO. WDS.-CL. OF SVC. | PD. OR COLL. | CASH NO. | CHARGE TO THE ACCOUNT OF | TIME FILED |
|---|---|---|---|---|
| | | | 4200-41 | |

*Send the following message, subject to the terms on back hereof, which are hereby agreed to*

Professor C. Richard Soderberg
Department of Mechanical Engineering
Massachussetts Institute of Technology
Cambridge, Massachusetts

Concur in April 7 report with no changes. Letter follows.

Edward Teller

AF

2430 E Street, N. W.
Washington 25, D. C.

8 December 1955

Dr. John Von Neumann
U. S. Atomic Energy Commission
1901 Constitution Avenue, N. W.
Washington 25, D. C.

Dear Johnny:

This is in reply to your letter concerning the future activities of the Nuclear Weapons Panel of the SAB. I fear that the greatest weakness of this Panel has been the failure to take on specific problems which it can get its teeth into. During our entire existence, we have essentially confined our activities to the initial problem assigned, i.e., the future outlook for obtainable yields as a function of weapon size. While these meetings have been extremely instructive to me by permitting me to sit in on discussions between the rest of you experts, I must admit that the education of Scoville is not a very important objective for such a Panel.

The lack of problems to which the Panel could address itself has, I fear, also accounted for some of the dropping off in attendance. On the other hand, I feel very sure that there are important matters which a Panel of this sort could work on. For example, the ICBM Defense problem which we just touched on could probably have been given more treatment by the Panel instead of turning it over to other groups. I do realize, however, that it takes some continuous effort in order to develop such problems. The over-all SAB Secretariat has never really produced these and you are obviously far too busy to do it yourself. I have just noted Edward's comments suggesting the appointment of a temporary Vice Chairman and think this might be a reasonable solution. However, I would strongly urge that you, yourself, not withdraw from the activities of the Panel for if you do I fear it would fall completely apart.

[...]STITUTION LIBRARY
Stanford, California [...]
NEVE PAPER

As for my personal participation, I can only repeat that it has been very instructive to me. However, my past minor contributions will become even more minor because of my lesser connection with the program. Therefore, I would be the first to suggest that you obtain someone more actively involved in the program as a replacement for me.

Sincerely yours,

Herbert Scoville, Jr.

Herbert Scoville, Jr.

cc: Dr. Norris E. Bradbury
Mr. David T. Griggs
Dr. George B. Kistiakowsky
Mr. L. Eugene Root
Dr. Edward Teller
Dr. Herbert F. York
Dr. Charles C. Lauritsen

From: Von Neumann

HOOVER INSTITUTION LIBRARY & ARCHIVES
Stanford, California
NOTE PAPER

November 16, 1955

MEMORANDUM FOR: MEMBERS OF THE U.S. AIR FORCE SCIENTIFIC ADVISORY BOARD NUCLEAR WEAPONS PANEL

This is a follow-up to the conversations that several of us had with each other at the time of the last meeting of our Panel, in connection with the Scientific Advisory Board meeting in Washington, October 20.

Several of our panel members, in particular Dave Griggs, who I think was also expressing Edward Teller's opinion (Edward was not at the meeting), expressed dissatisfaction with the functioning of the Panel, pointing out that its activities were not sufficiently continuous, that it did not take the initiative to ferret out Air Force problems involving atomic weapon matters, and that, generally speaking, its members were too busy with many other things to concentrate sufficiently on Panel affairs.

I think that there is a great deal of validity to these criticisms — as far as the excess of other obligations is concerned, I certainly must confirm this regarding myself. It was suggested, as one possible remedy, that some radical reorganization of the Panel with younger people might be considered.

At various times other members of the Panel have likewise expressed opinions in agreement with one or another part of the above.

The attendance at the October 20 meeting was very incomplete, making it difficult to take any action or to proceed to discussing this matter with Dr. Kelly. I feel, however, that the problems pointed up by these remarks are serious enough that we should not let them drop out of sight — the more so since they are likely to present themselves in even more acute forms in the future.

I would, therefore, be much obliged to you if you would let me know what you think about this; specifically, in what way you think the Panel might best be reformed in order to achieve continuity of effort and greater efficiency. May I ask you to give me your views on this subject within a specific time interval — say, three weeks — so that I can plan how to pursue the matter further. If your answers present a consistent picture, I would immediately start to discuss these things with Dr. Kelly and General Putt. If there is a divergence of opinion, it might be desirable for us to have one more round of questions.

I would like to add that I am personally very aware of my inadequacy for the Panel chairmanship, quite particularly in view of my other obligations. Besides, the other Panel members are just as well, and better, qualified for this charge than I am. I would, therefore, like to ask you to take into the compass of your considerations the rotation of the chairmanship as well. I would like to take this up with Dr. Kelly, too, in any case.

John von Neumann

John von Neumann
Chairman
SAB Nuclear Weapons Panel

ADDRESSEES:
Dr. Norris E. Bradbury
Mr. David T. Griggs
Dr. George B. Kistiakowsky
Mr. L. Eugene Root
Dr. Herbert S. Scoville, Jr.
✓ Dr. Edward Teller
Dr. Herbert F. York
Dr. Charles C. Lauritsen

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NOTE PAPER

November 29, 1955

Mervin J. Kelly
Chairman
Scientific Advisory Board
Office of the Chief of Staff
Dept. of the Air Force
Headquarters U. S. Air Force
Washington 25, D. C.

Dear Dr. Kelly:

I learned with regret that it has been necessary for you to resign as Chairman of the Scientific Advisory Board.

It was a great pleasure for me to have been acquainted with you - however briefly - in connection with our work on the Board.

Sincerely yours,

Edward Teller

ET:gg

September 12, 1955

Lt. Col. Floyd J. Sweet
Secretary
Scientific Advisory Board, AFCSA
Headquarters, U. S. Air Force
Washington 25, D. C.

Dear Colonel Sweet:

I am very sorry to find that previous obligations to which I am committed during the week of October 17 have grown more serious rather than less so, and consequently, I regret that it will be impossible for me to attend the next meeting of the Scientific Advisory Board. I have tried to find a way around this situation, but have not been able to do so. I shall certainly hope to be free to attend subsequent meetings, and am exceedingly unhappy to be forced to miss this one.

Sincerely,

Edward Teller

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

12 September 1955
Contract No. AF 18 (600)-1432
Call No. SAB 56-61

Dr. Edward Teller
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

Dear Dr. Teller:

You are invited to attend the Full Board Meeting of the Scientific Advisory Board to be held at Headquarters, United States Air Force, Washington, D. C., on 19-20-21 October 1955.

In accordance with the provisions of your current travel orders, you are authorized to proceed from the above address to Washington, D. C., and return, with variations as may be necessary in order to attend this meeting.

Compensation for your consulting services, at the rate of $50.00 a day, will be made under your USAF Contract and shall be chargeable to the following: 5763400 043-4877 P481-01 S18-600.

The undersigned is a Representative of the Contracting Officer in accordance with Part V of the above-referenced contract.

Sincerely,

Frank S. Attinger

FRANK S. ATTINGER
Captain, USAF
Assistant Secretary
Scientific Advisory Board
Office of the Chief of Staff

NOTE PAPER

August 29, 1955

Lt. Colonel Floyd J. Sweet
Secretary
Scientific Advisory Board, AFCSA
Headquarters, U. S. Air Force
Washington 25, D. C.

Dear Colonel Sweet:

Dr. Teller is out of town and probably will be until about September 19, and so I have filled out the enclosed questionnaire for him, according to what I have been able to learn of his plans.

Perhaps there is not too much urgency about this, but I thought you might like to know that Dr. Teller has prior commitments for part of October 19 and for October 21, and therefore will be able to attend the SAB meetings only partly on October 19 (perhaps) and fully only on October 20.

It will be very helpful to Dr. Teller (and to me) if it is convenient for you to make the reservations for him at the Skylark Motel.

Sincerely yours,

(Mrs.) Ruth P. Brockett
Secretary to Edward Teller

University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

Commander
Air Research and Development Command
ATTN: RDSKRO-1
Baltimore, Maryland

Dear Sir:

Please omit the patent clause from my Scientific Advisory Board Contract. I would prefer that it not be included and understand that it can be deleted since the contract for Calendar Year 1955 will stipulate less than ninety days service.

Sincerely,

NOTE PAPER

Major Daniel D. Whitcraft, Jr., USAF
Deputy Secretary, Scientific Advisory Board
Office of Chief of Staff
Headquarters, U.S. Air Force
Washington 25, D.C.

June 6, 1955

Dear Major Whitcraft:

Thanks for your letter inviting me to bring my wife to the SAB meeting at Brainerd. This is indeed an inducement since I've been away so often in the last few weeks; I regret that at present my commitments simply won't permit me to attend the meeting.

It was awfully kind of you to take so much trouble.

Hoping to see you at the next meeting,

Sincerely yours,

ET:jj

Edward Teller

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

2 June 1955

Dr. Edward Teller
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

Dear Dr. Teller:

We have heard from Mrs. Brockett that it is unlikely you will be able to come to our Brainerd meeting. We are sorry indeed to hear this and I thought perhaps I should confirm that Mrs. Teller would be most welcome at Brainerd just in case this might be a factor in your plans. If you should find that you can attend, please let us know and we'll be happy to make whatever arrangements are necessary.

Sincerely,

Dan Whitcraft

DANIEL D. WHITCRAFT, JR
Major, USAF
Deputy Secretary
Scientific Advisory Board
Office of the Chief of Staff

NOTE PAPER

DEPARTMENT OF THE AIR FORCE
OFFICE OF THE CHIEF OF STAFF
UNITED STATES AIR FORCE
WASHINGTON, D. C.

9 JUL 1956

Dr. Clark B. Millikan
California Institute of Technology
1201 E. California Street
Pasadena 4, California

Dear Dr. Millikan:

I received the report of the Scientific Advisory Board Ad Hoc Committee which, under your chairmanship, recently studied the operational availability of nuclear powered aircraft. The conclusions of this Committee will be of great assistance to the Air Force in guiding its planning of future development of strategic air power, an area of vital concern to all of us.

I would like to thank you and all members of your Committee for a most valuable report. On behalf of the Air Force may I assure you that your work was greatly appreciated.

Sincerely,

Signed
N. F. TWINING
Chief of Staff, United States Air Force

cc: Mr. Allen F. Donovan
Mr. L. Eugene Root
Mr. George Schairer
Dr. Mark M. Mills
Mr. Addison M. Rothrock
Prof. Edward S. Taylor
Mr. Gale Young
Dr. William D. Rannie
Dr. Shields Warren
Dr. Edward Teller
Dr. H. Guyford Stever
Mr. Robert Widmer

DEPARTMENT OF THE AIR FORCE
WASHINGTON

AFCAG-14

16 Jun 55

SUBJECT: Letter Order C-895

TO: Personnel Concerned

1. The following-named members of the Scientific Advisory Board are authorized to proceed at such times as may be necessary during the period 1 July 1955 to 30 June 1956, both dates inclusive, from addresses indicated to such places as may be necessary within the continental limits of the United States, on temporary duty for the purpose of carrying out duties as members of the Scientific Advisory Board, and upon completion of each mission return to respective addresses:

Dr. John Strong
Professor of Experimental Physics
Johns Hopkins University
34th and Charles Street
Baltimore 18, Maryland

Mr. Philip G. Strong
2430 E Street, N. W.
Washington 25, D. C.

Professor Edward S. Taylor
Massachusetts Institute
of Technology
Cambridge, Massachusetts

Dr. Edward Teller
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

2. Travel by military or commercial aircraft, commercial rail and/or bus, and privately owned conveyance at the rate of seven cents (.07) a mile is authorized. The reimbursement for travel by privately owned conveyance limited to cost to the Government of travel by usual common carrier and reimbursement for per diem while traveling by privately owned conveyance limited to travel time by usual common carrier except when the expense voucher includes the statement "Travel by privately owned conveyance has been administratively determined more advantageous to the Government." Use of the lowest rate enclosed accommodations available which meets security requirements and the furnishing of any additional transportation when required under carriers tariffs for the exclusive occupancy thereof, is authorized.

3. Travel in connection with meetings under provisions of Air Force Regulation 11-8 not authorized by this order.

4. These orders may be used only upon receipt of a letter of authorization from the Secretariat, Scientific Advisory Board, each time travel is performed.

5. Per diem allowance of nine dollars ($9.00) is authorized except as changed by the applicable provisions of paragraph 19, chapter 9, Air Force Manual 40-10.

6. Travel directed is necessary in the public service. 5763400 043-4861 P 481-02, 03,07 S49-615.

BY ORDER OF THE SECRETARY OF THE AIR FORCE:

E. E. TORO
Colonel, USAF
Air Adjutant General

DISTRIBUTION:
60 Each person concerned
1 AFCAG-14
1 AFCSA
8 AFCSS-AD

DEPARTMENT OF THE AIR FORCE
OFFICIAL
HEADQUARTERS U.S. AIR FORCE

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

23 May 1955
Contract No. AF 18 (600) 1432
Call No. SAB 55- 86

Dr. Edward Teller
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

Dear Dr. Teller:

You are invited to attend the Full Board Meeting of the Scientific Advisory Board to be held at Madden Lodge, Brainerd, Minnesota, on 13-15 June 1955.

In accordance with the provisions of your current travel orders, you are authorized to proceed from the above address to Brainerd, Minnesota, and return, with variations as may be necessary in order to attend this meeting.

Compensation for your consulting services, at the rate of $50.00 a day, will be made under your USAF Contract and shall be chargeable to the following: 5753 400 043-4867 P481-01 S18-600.

The undersigned is a Representative of the Contracting Officer in accordance with Part V of the above-referenced contract.

Sincerely,

Frank S. Attinger

FRANK S. ATTINGER
Captain, USAF
Administrative Officer
Scientific Advisory Board
Office of the Chief of Staff

May 20, 1955

Lt. Colonel Floyd J. Sweet
Asst. Executive Secretary
Scientific Advisory Board, AFCSA
Headquarters, U. S. Air Force
Washington 25, D. C.

Dear Colonel Sweet:

Dr. Teller has asked me to write you that it is extremely unlikely that he will be able to attend the SAB meetings in Minnesota, next month. He regrets very much that he will miss the meetings, but he has another commitment at that time that is almost imperative.

Very truly yours,

(Mrs.) Ruth P. Brockett
Secretary to Edward Teller

April 4, 1955

Mrs. Adelia Letchworth
Administrative Assistant
Scientific Advisory Board, AFCSA
Headquarters, U. S. Air Force
Washington 25, D.C.

Dear Mrs. Letchworth:

I am enclosing Dr. Teller's travel information sheet for the last SAB meeting in Santa Monica. I am sorry it is so late but, as perhaps Dr. Teller told Mr. Hasert, last Friday was the first opportunity Dr. Teller had to give me the requisite information and papers.

Very truly yours,

(Mrs.) Ruth P. Brockett
Secretary to Edward Teller

Enclosures

## SCIENTIFIC ADVISORY BOARD TO THE CHIEF OF STAFF, USAF

## TRAVEL INFORMATION SHEET

NAME: Edward Teller

| PLACE (Starting, transfer, & arrival points) | DATE | HOUR | NAME OF CARRIER | AMOUNT PAID FOR Transportation | Accommodation (Berth, etc) | GOVT [cut off] FARE | Fe[cut off] |
|---|---|---|---|---|---|---|---|
| Dep. NO CLAIM FOR TRANSPORTATION. TRAVELER ALREADY IN SANTA MONICA. | | | | | | | |
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OTHER REIMBURSABLE ITEMS

| DATE | ITEM OF EXPENSE | FROM | TO | AMOUNT |
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| 3/25/55 | Taxi | Hotel | SP Railroad Station | 5.20 |
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3/23-24-25/55.

Quarters under Government supervision or control were not furnished.

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

25 April 1955
Contract No. AF 18 (600)-1432
Call No. SAB 55-76

Dr. Edward Teller
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

Dear Dr. Teller:

You are invited to attend a meeting of the Scientific Advisory Board Ad Hoc Committee on Aircraft Nuclear Propulsion to be held on May 11-12 at the Pentagon, Washington 25, D. C.

In accordance with the provisions of your current travel orders you are authorized to proceed from the above address to Washington, D. C. and return, with variations as may be necessary in order to attend this meeting.

Compensation for your consulting services, at the rate of $50.00 a day, will be made under your USAF Contract and shall be chargeable to the following: 5753 400 043-4867 P481-01 S18-600.

The undersigned is a Representative of the Contracting Officer in accordance with Part V of the above-referenced contract.

Sincerely,

Adelia M. Letchworth
for FRANK S. ATTINGER
Captain, USAF
Administrative Officer
Scientific Advisory Board
Office of the Chief of Staff

**DEPARTMENT OF THE AIR FORCE**
**HEADQUARTERS UNITED STATES AIR FORCE**
**WASHINGTON 25, D. C.**

4 March 1955
Contract No. AF 18 (600)-1432
Call No. SAB 55-49

Dr. Edward Teller
Department of Physics
University of California
Berkeley 4, California

Dear Dr. Teller:

You are invited to attend the full board meeting of the Scientific Advisory Board to be held at The RAND Corporation, 1700 Main Street, Santa Monica, California, on 24, 25, and 26 March 1955.

In accordance with the provisions of your current travel orders, you are authorized to proceed from the above address to Santa Monica, California, and return with variations as may be necessary in order to attend this meeting.

Compensation for your consulting services, at the rate of $50.00 a day, will be made under your USAF Contract and shall be chargeable to the following: 5753 400 043-4867 P481-01 518-600.

The undersigned is a Representative of the Contracting Officer in accordance with Part V of the above-referenced contract.

Sincerely,

Frank S. Attinger

FRANK S. ATTINGER
Captain, USAF
Administrative Officer
Scientific Advisory Board
Office of the Chief of Staff

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

7 February 1955

Dr. Edward Teller
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

Dear Dr. Teller:

There will be a meeting of the Scientific Advisory Board Ad Hoc Committee on Nuclear Propulsion of Missiles at the RAND Corporation, 1700 Main Street, Santa Monica, California, Wednesday afternoon, 23 March 1955.

Sincerely,

Chester N. Hasert

CHESTER N. HASERT
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff

...RARY & ARCHIVES
...tanford, California 94305-6003 USA
NOTE PAPER

February 21, 1955

Mrs. Adelia Letchworth
Administrative Assistant
Scientific Advisory Board
Headquarters U. S. Air Force
Washington 25, D. C.

Dear Mrs. Letchworth:

The enclosed questionnaire was among some material that Dr. Teller brought here from Berkeley last Friday. Although its return is rather delayed, perhaps the information may still be of some use to you.

Sincerely yours,

Ruth P. Brockett
Secretary to Edward Teller

Enclosure

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

26 January 1955

Dr. Edward Teller
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

Dear Dr. Teller:

We have just received word from Air Research and Development Command that your Scientific Advisory Board contract has been held up pending receipt of a request from you for deletion of the patent clause. Last year several of the contracts were held up because the patent clause was included. This year the patent clause has been excluded but it can only be excluded upon written request from the Contractor. Accordingly, we have prepared such a request for your signature. Will you please sign it and mail to ARDC in the attached envelope. Your contract should be forthcoming shortly thereafter.

The attached memo covering administration of the contract is self-explanatory.

We all look forward to seeing you in Santa Monica, 24-26 March.

Sincerely,

FRANK S. ATTINGER
Captain, USAF
Administrative Officer
Scientific Advisory Board
Office of the Chief of Staff

2 Incls
1. Ltr to ARDC
2. Memo

WHEN TYPED USE SINGLE SPACE

## SCHEDULE OF EXPENSES AND AMOUNTS CLAIMED

1. Departed from official duty station ____________ (Date) ____________ (Hour)

2. Temporary duty station on last day of next preceding voucher period was ____________;

date of arrival at such temporary duty station ____________.

(Fill in 1 and 2 above only when dates are prior to period covered by this voucher)

| DATE 19 54 | DESCRIPTION (Include all information required by current regulations; if speedometer readings are used to compute distances, show beginning and ending readings in this column) | NUMBER OF MILES @ ___ cents per mile | AMOUNT CLAIMED Mileage | Subsistence | Other |
|---|---|---|---|---|---|
| 30 May | Dep San Francisco Comm Air 0915 | | | | |
| | Arr Washington 2145 | | | | |
| | Traveller on business for the SAB until 2400 hrs 1 June; then proceeded on buisness for another agency. Other agency paid one-half of fare. | | | | |
| 8 June | Dep New York Comm Air 0900 | | | | 150 95 |
| | Arr San Francisco 2255 | | | | |
| | Gov't Quarters not available or occupied. | | | | |
| | Other Reimbursement Claimed: | | | | |
| | Taxi-New York Hotel to International A/P | | | | 2 05 |
| | Per Diem is Claimed FROM: 0915 hrs 30 May | | | | |
| | THRU: 2400 hrs 1 June | | | | |
| | FROM: 0001 hrs 8 June | | | | |
| | THRU: 2255 hrs 8 June | | | | |
| | 3 3/4 days @ $9.00 | | | 33 75 | |
| | Grand total to face of voucher (Subtotals, to be carried forward if necessary) → $186.75 | | | 33 75 | 153 00 |

### TRANSPORTATION OBTAINED WITH GOVERNMENT TRANSPORTATION REQUESTS

(Not to be claimed by traveler)

| Transportation Request Number | Agent's Valuation of Ticket | Initials of Carrier Issuing Ticket | Mode and Class of Service† | Date Issued | Points of Travel From— | To— |
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| | | | | | | |

†"Pullman accommodations: MR, master room; DR, drawing room; CP, compartment, BR, bedroom; DSR, duplex single room; RM, roomette; DRM, duplex roomette; SOS, single occupancy section; LB, lower berth; UB, upper berth; LB-UB, lower and upper berth; S, seat."

16—63078-1 ☆ U. S. GOVERNMENT PRINTING OFFICE : 1951 O—920711

Standard Form No. 1012a—Revised
Form prescribed by
Comptroller General, U. S.
November 7, 1950
General Regulations No. 88

# TRAVEL VOUCHER

*D. O. Vou. No.* 801221

*Bu. Vou. No.* ______

U. S. Department of the Air Force
(Department, bureau, or establishment)

Payee's name Dr. Edward Teller

Mailing address University of California Radiation Laboratory
P. O. Box 808
Livermore, California

PAID BY
ILSON HOOVER
Lt Col, FC
hington, D.C.
JUL 9 1954
Sym. 267
(215-043)

Livermore, Calif.
(Official duty station)

______ (Residence—For use by Postal Service employees only)

Travel and other expenses in the discharge of official duty from 30 May 1954 (Date) to 8 June 1954 (Date) under authority
No. Ltr of Auth dated 12 May 1954 copy of which is attached, or has been previously furnished. I have a
ETO's dtd 30 June 1953

travel advance of $ ______ to which $ ______ of this voucher should be applied.

MEMORANDUM ... 1954 **AMOUNT CLAIMED** →

| | | DOLLARS | Cents |
|---|---|---|---|
| AMOUNT CLAIMED | | 186 | 75 |
| (For Administrative Use) APPROVED: | Differences: | | |
| | | 186 | 75 |
| Total verified correct for charge to appropriation(s) (initials) | | | |
| Applied to travel advance (appropriation symbol) | | 186 | 75 |
| | NET AMOUNT TO TRAVELER | | |

TO: PAYEE

The next previous voucher paid under the same travel authority was:

D. O. Vou. No. ______, paid ______ (Month—year) by ______ (Insert name and symbol of disbursing officer)

28 June 54 MEMORANDUM ...TINGER, Captain, USAF, Adm. Off.

ACCOUNTING CLASSIFICATION (for completion by Administrative Office)

| Appropriation, Limitation, or Project Symbol | Appropriation Title (Optional) | Limitation or Project (Amount) | Appropriation (Amount) |
|---|---|---|---|
| 57X3400 | 443-4875 P481-02 549-615 | | 186.75 |
| | | | |
| | | | |

| Allotment Symbol | Amount | Obligations Liquidated | COST ACCOUNT Symbol | COST ACCOUNT Amount | OBJECTIVE CLASSIFICATION Symbol | OBJECTIVE CLASSIFICATION Amount |
|---|---|---|---|---|---|---|
| | | | | | | |
| | | | | | | |

Paid by Check No. 2715736

Dated JUL 8 1954 ... 8 1954

MEMORANDUM

16—63078-1

January 18, 1955

General N. F. Twining
Chief of Staff
United States Air Force
Headquarters U. S. Air Force
Washington 25, D. C.

Dear General Twining:

Thank you for your very kind letter of 29 December. It will give me great satisfaction and much pleasure to continue to serve on the Scientific Advisory Board, and I am happy to accept reappointment as a member for a period of two years beginning 1 January 1955.

Sincerely,

Edward Teller

DEPARTMENT OF THE AIR FORCE
OFFICE OF THE CHIEF OF STAFF
UNITED STATES AIR FORCE
WASHINGTON, D. C.

29 December 1954

Dr. Edward Teller
University of California
Radiation Laboratory
Livermore, California

Dear Dr. Teller:

I very much appreciate the valuable time and assistance you have given us during the year now ending through your work with our Scientific Advisory Board, and I hope sincerely that it will be possible for you to continue in this important work. As I said at Omaha, you and the technical community you represent hold in your hands and minds the technical aspects of the new and greater Air Force capabilities which must come into being in the years ahead. Now, more than ever before, we in the Air Force must look to you for guidance and help.

For these reasons, then, and upon the recommendation of Dr. von Karman, I am pleased to invite you to accept reappointment as a member of the Scientific Advisory Board for a period of two years beginning 1 January 1955.

Sincerely,

N F Twining

N. F. TWINING
Chief of Staff, United States Air Force

# SCHEDULE OF EXPENSES AND AMOUNTS CLAIMED

WHEN TYPED USE SINGLE SPACE

1. Departed from official duty station ______________ (Date) ______________ (Hour)

2. Temporary duty station on last day of next preceding voucher period was ______________;

date of arrival at such temporary duty station ______________.

(Fill in 1 and 2 above only when dates are prior to period covered by this voucher)

| DATE 1954 OCT | DESCRIPTION (Include all information required by current regulations; if speedometer readings are used to compute distances, show beginning and ending readings in this column) | NUMBER OF MILES @____ cents per mile | AMOUNT CLAIMED: MILEAGE | AMOUNT CLAIMED: SUBSISTENCE | AMOUNT CLAIMED: OTHER |
|---|---|---|---|---|---|
| 17 | Dep San Francisco, Calif. 2015 Comm Air | | | | $286 60 |
| | Arr Washington, D. C. 0725 | | | | |
| 18 | Payee on other business from 1700 thru 0900 Oct 28 | | | | |
| 28 | Dep New York, N.Y. 0900 Comm Air | | | | |
| | Arr San Francisco, Calif. 1615 | | | | |
| | Govt quarters not available or occupied. | | | | |
| | Per diem is claimed FROM: 2015 Oct 17 | | | | |
| | THRU: 1700 Oct 18 | | | | |
| | FROM: 0900 Oct 28 | | | | |
| | THRU: 1615 Oct 28 | | | | |
| | 1 3/4 days per diem @ $9.00 | | | 15 75 | |
| | Grand total to face of voucher → $302.35 (Subtotals, to be carried forward if necessary) | | | 15 75 | 286 60 |

## TRANSPORTATION OBTAINED WITH GOVERNMENT TRANSPORTATION REQUESTS

(Not to be claimed by traveler)

| Transportation Request Number | Agent's Valuation of Ticket | Initials of Carrier Issuing Ticket | Mode and Class of Service† | Date Issued | Points of Travel: From— | Points of Travel: To— |
|---|---|---|---|---|---|---|
| | | T/R not used. | | | | |

†"Pullman accommodations: MR, master room; DR, drawing room; CP, compartment; BR, bedroom; DSR, duplex single room; RM, roomette; DRM, duplex roomette; SOS, single occupancy section; LB, lower berth; UB, upper berth; LB–UB, lower and upper berth; S, seat."

U. S. GOVERNMENT PRINTING OFFICE 16—63078—1

Standard Form No. 1012a—Revised
Form prescribed by
Comptroller General, U. S.
November 7, 1950
General Regulations No. 88
(Amended Feb. 20, 1952)

# TRAVEL VOUCHER

*D. O. Vou. No.* 835460

*Bu. Vou. No.* ______

PAID BY
WILSON HOOVER
Lt Col, FC
Washington, D.C.
JAN 3 1955
Sym. 267
(215-043)

U. S. Department of the Air Force
(Department, bureau, or establishment)

Payee's name Dr. Edward Teller

Mailing address University of California Radiation Laboratory
P. O. Box 808, Livermore, California

Livermore, Calif.
(Official duty station)

______ (Residence—For use by Postal Service employees only)

Travel and other expenses in the discharge of official duty from 17 Oct 54 (Date) to 28 Oct 54 (Date) under authority No. BTO's dtd 11 Jun 54 ~~Ltr of auth~~ dated 11 Oct 54, copy of which is attached, or has been previously furnished. I have a travel advance of $ ______ to which $ ______ of this voucher should be applied.

MEMORANDUM 27 Dec 54

| | DOLLARS | Cents |
|---|---|---|
| AMOUNT CLAIMED → | 302 | 35 |

(For Administrative Use)

Differences:

APPROVED:

Total verified correct for charge to appropriation(s) (initials) ______ 302 35

Applied to travel advance (appropriation symbol) ______

NET AMOUNT TO TRAVELER 302 35

The next previous voucher paid under the same travel authority was:

D. O. Vou. No. ______, paid ______ (Month—year) by ______ (Insert name and symbol of disbursing officer)

17 Dec 54 MEMORANDUM FRANK S. ... INGER, Capt USAF, Adm Off, AFCSA

ACCOUNTING CLASSIFICATION (Appropriation Symbol must be shown; other classification optional)

5753400 043-4855 P461-02 S49-615 302.35

4TH COPY
TO: PAYEE

Paid by Check No. 2739435

Dated JAN 3 1955

MEMORANDUM

16—63078-2

December 10, 1954

Mrs.Adelia Letchworth
Scientific Advisory Board
Headquarters U. S. Air Force
Washington 25, D. C.

Dear Mrs. Letchworth:

I am enclosing Dr. Teller's claim for the trip he made in October. I am sorry it is so late, but it was a most complicated itinerary, and it took some time to get it broken down in what appeared to be an equitable fashion.

Sincerely,

Ruth P. Brockett
Secretary to Edward Teller

Enclosures

Edward Teller

| | | | | | |
|---|---|---|---|---|---|
| San Francisco | 10/17 | 8:15 PM | UAL 730 | $286.60 | Plane Fare San Francisco to Washington, D.C. and return |
| Washington, D.C. | 10/18 | 7:25 AM | | | |
| | TDY FOR SAB ENDED 10/18, APPROX. 5:00 PM | | | | |
| | TRAVELER ON OTHER BUSINESS 10/19-10/28 | | | | |
| New York (Int'l.) | 10/28 | 9:00 AM | UAL 703 | | |
| San Francisco | 10/28 | 4:15 PM | | | |

| | | | |
|---|---|---|---|
| 10/17 | Bridge toll | Oakland to San Francisco | .25 |
| 10/18 | Hotel | | 5.15 |

10/18/54. Per diem: 10/18
Lodgings operated under Government supervision or control were not furnished.

2025

HOOVER INSTITUTION LIBRARY & ARCHIVES
Stanford, California 94305-6003 USA

Standard Form No. 1012a—Revised
Form prescribed by
Comptroller General, U. S.
November 7, 1950
General Regulations No. 88
(Amended Feb. 20, 1952)

# TRAVEL VOUCHER

D. O. Vou. No. 838956

Bu. Vou. No.

PAID BY
A. R. KOZEL
Lt Col, FC
Washington, D.C.
FEB 1954
Sym. 215-480

U. S. Department of the Air Force
(Department, bureau, or establishment)

Payee's name Dr. Edward Teller

Mailing address Radiation Laboratory
University of California
P. O. Box 808
Livermore, California

Livermore, California
(Official duty station)

(Residence—For use by Postal Service employees only)

Travel and other expenses in the discharge of official duty from 31 Jan. 54 (Date) to 1 Feb. 54 (Date) under authority BTO's dtd 30 June 1953 No. Ltr of Auth dated 7 Jan. 1954, copy of which is attached, or has been previously furnished. I have a travel advance of $ ______ to which $ ______ of this voucher should be applied.

MEMORANDUM 23 Feb. 1954

| | DOLLARS | Cents |
|---|---|---|
| AMOUNT CLAIMED → | $5. | 00 |
| Differences: | | |
| Total verified correct for charge to appropriation(s) (initials) | 5. | 00 |
| Applied to travel advance (appropriation symbol) | | |
| NET AMOUNT TO TRAVELER | 5. | 00 |

(For Administrative Use)

APPROVED:

4TH COPY TO: PAYEE

The next previous voucher paid under the same travel authority was:

D. O. Vou. No. ______, paid ______ (Month—year) by ______ (Insert name and symbol of disbursing officer)

23 Feb. 1954

MEMORANDUM ...ITCRAFT, Jr., Major, USAF
Deputy Secretary

ACCOUNTING CLASSIFICATION (Appropriation Symbol must be shown; other classification optional)

A5743400 443-4875 P 481-02 S 49-615 $5.00

Paid by Check No. 27738

Dated

MEMORANDUM

16—63078-2

## SCHED[illegible] OF EXPENSES AND AMOUNTS CLA[illegible]ED

WHEN TYPED USE SINGLE SPACE

1. Departed from official duty station ________ (Date) ________ (Hour)

2. Temporary duty station on last day of next preceding voucher period was ________;

date of arrival at such temporary duty station ________.

(Fill in 1 and 2 above only when dates are prior to period covered by this voucher)

| DATE 19 54 | DESCRIPTION (Include all information required by current regulations; if speedometer readings are used to compute distances, show beginning and ending readings in this column) | NUMBER OF MILES @____ cents per mile | AMOUNT CLAIMED: Mileage | Subsistence | Other |
|---|---|---|---|---|---|
| | No claim for transportation to and from Washington. Dr. Teller was in Washington on other business. | | | | |
| | Per Diem is Claimed FROM: 0001 hrs 1 Feb. | | | | |
| | THRU: 2400 hrs 1 Feb. | | | | |
| | 1 day Per Diem @ $5 | | | 5.00 | |
| | Grand total to face of voucher (Subtotals, to be carried forward if necessary) → $5.00 | | | 5.00 | |

### TRANSPORTATION OBTAINED WITH GOVERNMENT TRANSPORTATION REQUESTS
(Not to be claimed by traveler)

| Transportation Request Number | Agent's Valuation of Ticket | Initials of Carrier Issuing Ticket | Mode and Class of Service† | Date Issued | Points of Travel: From— | To— |
|---|---|---|---|---|---|---|
| | | | | | | |

†"Pullman accommodations: MR, master room; DR, drawing room; CP, compartment; BR, bedroom; DSR, duplex single room; RM, roomette; DRM, duplex roomette; SOS, single occupancy section; LB, low[illegible]erth; UB, upper berth; LB–UB, lower and upper berth; [illegible]eat."

[illegible]078–1 U. S. GOVERNMENT PRINTING OFFICE

**SCHED[hole] OF EXPENSES AND AMOUNTS CLA[hole]ED**

WHEN TYPED USE SINGLE SPACE

1. Departed from official duty station 26 Sep 54 (Date) 0900 (Hour)
2. Temporary duty station on last day of next preceding voucher period was ______;

date of arrival at such temporary duty station ______.

(Fill in 1 and 2 above only when dates are prior to period covered by this voucher)

| DATE 1954 | DESCRIPTION (Include all information required by current regulations; if speedometer readings are used to compute distances, show beginning and ending readings in this column) | | | NUMBER OF MILES @___ cents per mile | AMOUNT CLAIMED | | |
|---|---|---|---|---|---|---|---|
| | | | | | Mileage | Subsistence | Other |
| | | | | Toll bridge Oakland-SF | | | 25 |
| 26 Sep | Departed - San Francisco, Calif. | UAL | 0900 | Paid own fare | | | 198 35 |
| | Arrived - Omaha, Nebr. | | 1915 | Taxi Airport to Hotel | | | 1 35 |
| 28 Sep | Departed - Omaha, Nebr. | UAL | 2010 | | | | |
| | Arrived - Denver, Colo. | | 2250 | | | | |
| 28 Sep | Per Diem TDY ends at 2250 | | | | | | |
| 29 Sep | TDY resumes 1430 | | | | | | |
| | Departed - Denver, Colo. | UAL | 1430 | | | | |
| | Arrived - San Francisco, Calif. | | 1715 | Toll Bridge SF-Oakland | | | 25 |
| | | | | Storage of auto in SF | | | 3 00 |
| | 3 days at $9.00 | | | | | 27 00 | 203 20 |
| | GOVERNMENT QUARTERS WERE NOT OCCUPIED OR AVAILABLE | | | | | | |
| | PER DIEM CLAIMED from 0900, 26 Sep 54 to 2250, 28 Sep 54 | | | | | | |
| | 1430, 29 Sep 54 to 1715, 29 Sep 54 | | | | | | |

Grand total to face of voucher → $230.20 | | 27 00 | 203 20

(Subtotals, to be carried forward if necessary)

**TRANSPORTATION OBTAINED WITH GOVERNMENT TRANSPORTATION REQUESTS**

(Not to be claimed by traveler)

| Transportation Request Number | Agent's Valuation of Ticket | Initials of Carrier Issuing Ticket | Mode and Class of Service† | Date Issued | Points of Travel From— | Points of Travel To— |
|---|---|---|---|---|---|---|
| | | | | | | |

†"Pullman accommodations: MR, master room; DR, drawing room; CP, compartment; BR, bedroom; DSR, duplex single room; RM, roomette; DRM, duplex roomette; SOS, single occupancy section; LB, lower berth; UB, upper berth; LB–UB, lower and upper berth; S, seat."

16—63078-1 U. S. GOVERNMENT PRINTING OFFICE

Standard Form No. 1012a—Revised
Form prescribed by
Comptroller General, U. S.
November 7, 1950
General Regulations No. 88
(Amended Feb. 20, 1952)

# TRAVEL VOUCHER

D. O. Vou. No. 827570

Bu. Vou. No.

U. S. Department of the Air Force
(Department, bureau, or establishment)

PAID BY
WILSON HOOVER
Lt Col, FC
Washington, D.C.
NOV 22 1954
Sym. 267
(215-043)

Payee's name Dr. Edward Teller

Mailing address University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

Livermore, Calif.
(Official duty station)

(Residence—For use by Postal Service employees only)

Travel and other expenses in the discharge of official duty from 26 Sep 54 (Date) to 29 Sep 54 (Date) under authority No. USAF Ltr O C-950 dated 11 Jun 54, copy of which is attached, or has been previously furnished. ~~I have a travel advance of $ to which $ of this voucher should be applied.~~

## MEMORANDUM

2 Nov 54

(For Administrative Use)

Approved:

| | DOLLARS | Cents |
|---|---|---|
| AMOUNT CLAIMED → | 230 | 20 |
| Differences: | | |
| | | |
| | | |
| NET AMOUNT TO TRAVELER | 230 | 20 |

Total verified correct for charge to appropriation(s) (initials)

Applied to travel advance (appropriation symbol)

The next previous voucher paid under the same travel authority was:

D. O. Vou. No. , paid (Month—year) by (Insert name and symbol of disbursing officer)

With to payee

## MEMORANDUM

2 Nov 54

ACCOUNTING CLASSIFICATION (Appropriation Symbol must be shown; other classification optional)

5753400 043-4855 P 481-02 S 49-615 $230.20

Paid by Check No. 2732387

Dated NOV 22 1954

## MEMORANDUM

16—63078-2

November 1, 1954

Major Daniel D. Whitcraft
Deputy Secretary
Scientific Advisory Board
Office of the Chief of Staff
Headquarters U. S. Air Force
Washington 25, D. C.

Dear Major Whitcraft:

Dr. Teller has asked me to write you that he regrets he will be unable to attend the series of meetings as described in your letter of 25 October 1954.

Sincerely yours,

Ruth P. Brockett
Secretary to Edward Teller

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

28 OCT 1954

Dr. Edward Teller
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

Dear Dr. Teller:

At the Omaha meeting of the Scientific Advisory Board in September, it was decided to convene a third annual meeting of the Board in June 1955. The purpose of this meeting would be to afford an opportunity for maximum interchange of ideas among our members with a minimum of formalized agenda.

Essential to the success of such a meeting is the selection of a suitable site. Ideally this site should be one which can accommodate perhaps a hundred and fifty people comfortably for three or four days in an environment conducive to creative thought. Since we are planning only a minimum of scheduled activities, such as a morning of briefings followed by an afternoon free for discussions and/or recreation, we are looking for a place where such facilities as boating, swimming, fishing, golf, and tennis might be available for group and individual use when participants are not otherwise engaged.

Maximum freedom of discussion will necessarily depend upon maximum safeguarding of classified information so that the degree to which our site can be protected will be an important factor in its selection.

We would like to invite your suggestions as to suitable sites for such a meeting. If any come to mind, please note them on a copy of this, return it to us, and we'll take it from there. Obviously we have not much time to lose in placing our reservations so an early reply would be very much appreciated.

Many thanks and with best personal regards.

Sincerely,

Dan Whitcraft

DANIEL D. WHITCRAFT, JR.
Major, USAF
Deputy Secretary
Scientific Advisory Board
Office of the Chief of Staff

File

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

27 October 1954

Dr. Edward Teller
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

Dear Dr. Teller:

Regarding your query on reimbursement for your Scientific Advisory Board activities:

You are entitled to payments of three types: (1) your consulting fee, limited by law to fifty dollars per diem; (2) reimbursement of transportation expenses such as tickets, taxis, telegrams, telephone calls and the like; and (3) a per diem subsistence allowance of nine dollars while traveling.

You are entitled to a full consulting fee for each day or part of a day that you work for us, whether or not travel is involved. You are also entitled to the full consulting fee for each day or part of a day you spend in travel necessary for SAB business. You may however elect to claim less than the full amount to which you are entitled. (Those who do usually submit their claims in multiples of twenty-five dollars and do not attempt a finer shading.)

You may claim all or part of your transportation expense as you choose, independent of your choice of days claimed for consulting. Similarly, and also independent of the other claims, you may claim all or part of the per diem subsistence allowance. Your choice of partial payment may be based on distributing the cost of your travel among the various agencies on whose business you may be traveling, or on any other basis you prefer. However, we are always authorized to pay you up to the full amount of your travel expenses required for SAB meetings.

An example is inclosed to illustrate the above. I hope that this may have been helpful; if not, let us know what questions remain and we'll try again to answer them.

Sincerely,

Chester N. Hasert

CHESTER N. HASERT
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff

"Assume that we have asked you (and confirmed by one of our letters of authorization) to come to Washington to attend a meeting of the Nuclear Weapons Panel and that while here you perform some services for the Atomic Energy Commission. Assume further that you departed Livermore at eight p.m. (local time, 7 September) and arrived in Washington at eight the following morning (8 September), where you took a taxi to the Pentagon for our meeting. After attending our meeting for a day and a half, suppose further that you visited the AEC for the remainder of the second day (9 September) and for all of the third, leaving for Livermore the morning of the fourth (11 September) and arriving at your home or office that evening.

Your claim to us could then include the following items: Consulting fee, 7, 8, 9, and 11 September @ $50., or $200. (you could, of course, claim less than this amount, or you could claim more if our meeting required any preparation on your part before you left Livermore or special work upon your return -- but we must know the dates for which these fees are claimed); the price, including tax, of the round-trip airline ticket; taxi fares from your home or office to the point of departure, taxi fare from the Washington airport to the Pentagon, from your hotel to the Washington airport, and from your point of arrival to your home or office; any official telegrams or local or long distance calls you were required to make in connection with your business for us; and any modest tips you may have given redcaps or skycaps along the way. You would be entitled to per diem subsistence allowance from your time of departure to your time of return less any portions you wish to exclude. In the example given above, you would probably not claim per diem subsistence for the period that you worked with the AEC, you could except that very easily by noting on your travel information sheet that "per diem is claimed from 2000 7 Sep thru 1400 9 Sep and from 0800 11 Sep thru 1930 11 Sep."

You could probably submit an additional claim to the AEC for per diem for the excepted period and for whatever consulting fees you may be entitled to from them for the third day (10 September). It would help if you sent copies of both claims to both agencies -- the AEC and the SAB.

The above is of course only one way in which the costs of your services and travel could be allocated and you could claim less in each category although we are by no means suggesting that you do so."

NOTE PAPER

EDWARD TELLER

October 20, 1954

Mrs. Adelia Letchworth
Administrative Assistant
Scientific Advisory Board
Headquarters U. S. Air Force
Washington 25, D. C.

Dear Mrs. Letchworth:

It turns out that Dr. Teller did receive his travel authorization from Captain Attinger, but it went to Berkeley and so I did not see it until last Friday, just before Dr. Teller left.

In this connection, it would be a great convenience if any material in the future, whether classified or not, could be sent to the Livermore address. I realize full well that the situation is complicated, with Dr. Teller's being in two places, but Dr. Teller has only part-time help in Berkeley, and practically all his non-academic activities originate here, particularly his travel. Consequently, it would be much appreciated if papers could be directed here, for the sake of continuity, so that I may forward them or act upon them as the situation requires.

Sincerely yours,

Ruth P. Brockett
Secretary to Edward Teller

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

11 October 1954

Dr. Edward Teller
Department of Physics
University of California
Berkeley 4, California

Dear Dr. Teller:

You are invited to attend a meeting of the Scientific Advisory Board Ad Hoc Group on Nuclear Rockets to be held at Hq. USAF, Pentagon, Washington, D. C. on 18-19 September 1954.

In accordance with the provisions of your Blanket Travel Orders dated 11 June, 1954, you are authorized to proceed from the above address to Washington, D. C. and return, with variations as may be necessary in order to attend this meeting.

Compensation for your consulting services will be made in accordance with your U. S. Air Force contract.

Room: 4C 1052
Time: 0930

Sincerely,

Frank S. Attinger

FRANK S. ATTINGER
Captain, USAF
Administrative Officer
Scientific Advisory Board
Office of the Chief of Staff

11 October 1954

Dr. Edward Teller
Department of Physics
University of California
Berkeley 4, California

Dear Dr. Teller:

You are invited to attend a meeting of the Scientific Advisory Board Ad Hoc Group on Nuclear Rockets to be held at Hq. USAF, Pentagon, Washington, D. C. on 18-19 September 1954.

In accordance with the provisions of your Blanket Travel Orders dated 11 June, 1954, you are authorized to proceed from the above address to Washington, D. C. and return, with variations as may be necessary in order to attend this meeting.

Compensation for your consulting services will be made in accordance with your U. S. Air Force contract.

Sincerely,

FRANK S. ATTINGER
Captain, USAF
Administrative Officer
Scientific Advisory Board
Office of the Chief of Staff

...TITUTION LIBRARY & ARCHIVES
Stanford, California 94305-6003 USA
NOTE PAPER

October 15, 1954

Mrs. Adelia Letchworth
Scientific Advisory Board, AFCSA
Room 4E 337
Headquarters, U. S. Air Force
Washington 25, D. C.

Dear Mrs. Letchworth:

I am enclosing the travel information receipt and other material for Dr. Teller's claim for the SAB meeting in Omaha on September 27 and 28. The claim for consulting fee includes the four days, on the basis of the instructions "from the time of departure from duty station to the time of arrival at duty station." If there is any question about this, Dr. Teller actually attended the meetings only on September 27 and 28, as indicated.

Dr. Teller decided only last week that he could attend the forthcoming meetings in Washington on October 18 and 19. I wrote Mr. Hasert to this effect on October 11, but so far Dr. Teller has not received any travel authorization. It may come in today--but at least I thought your office should have some prior indication that there will eventually be a claim for these meetings.

Will you please send me another supply of travel information sheets, at your convenience. I thought I had quite a number of them left, but the one enclosed is my last.

Thank you for your continued assistance.

Sincerely,

Ruth P. Brockett
Secretary to Edward Teller

Encls.

LIBRARY & ARCHIVES

Edward Teller

| | | | | |
|---|---|---|---|---|
| San Francisco | 9/26/54 | 9:00 A | UAL 680 | $198.35 |
| Omaha | | 7:15 P | | |
| Omaha | 9/28 | 8:10 P | UAL 301 | |
| Denver | 9/28 | 10:50 P | | |
| Denver | 9/29 | 2:30 P | UAL 703 | |
| San Francisco | | 5:15 P | | |

| | | | |
|---|---|---|---|
| 9/26 | Bridge toll | Oakland-San Francisco | $.25 |
| 9/28 | Hotel | | 9.00 |
| 9/28 | Taxi | Hotel to Airport, Omaha | 1.35 |
| 9/28 | Taxi | Airport to Hotel, Denver | 2.30 |
| 9/29 | Hotel | | 8.00 |
| 9/29 | Taxi | Hotel to Airport, Denver | 2.30 |
| 9/29 | Car storage | | 3.00 |
| 9/29 | Bridge toll | | .25 |
| | | | 26.55 |

198.35
26.55
224.90

9/26, 9/27, 9/28, 9/29 - 4 days

DATES FOR WHICH PER DIEM IS CLAIMED: 9/26 through 9/29- 4 days.
Lodgings operated under Gove nment control or supervision were not furnished.

September 20, 1954

Captain Frank S. Attinger
Administrative Officer
Scientific Advisory Board
Office of the Chief of Staff
Headquarters U. S. Air Force
Washington 25, D. C.

Dear Captain Attinger:

Dr. Teller's revised and confirmed travel schedule now is that he will arrive in Omaha on UAL 610 at 7:15 PM on Sunday, September 26. He will leave Omaha on UAL 301 at 8:10 PM on September 29.

Sincerely yours,

Ruth P. Brockett
Secretary to Edward Teller

August 30, 1954

Captain Frank S. Attinger
Administrative Officer
Scientific Advisory Board
Office of the Chief of Staff
Headquarters U. S. Air Force
Washington 25, D. C.

Dear Captain Attinger:

Dr. Teller is away on a two weeks' vacation, and in his absence, I have filled out and am returning the form for the Omaha meeting. The times and dates of arrival and departure can be only estimates at present, as they are contingent upon the September airlines schedules and also upon whether or not there are other meetings subsequent to the Omaha meeting, to which Dr. Teller will go.

I am sending the reservation card to the manager of the Hotel Paxton, as indicated.

Very truly yours,

Ruth P. Brockett
Secretary to Edward Teller

Encl.-Questionnaire

August 27, 1954

Captain Frank S. Attinger
Administrative Officer
Scientific Advisory Board
Office of the Chief of Staff
Headquarters United States Air Force
Washington 25, D. C.

Dear Captain Attinger:

Please forgive the delay in answering your letter of 22 June 1954. The past several months have been exceedingly busy for me.

I appreciate the courtesy extended to me by your inquiry as to whether I should be interested in attending the Joint Civilian Orientation Conference, October 6 through 14. It would indeed be a great pleasure to attend such a conference, but even if I were honored by being selected to attend, I regret that my October schedule would prevent my doing so.

Sincerely,

Edward Teller

Later

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

22 June 1954

Dr. Edward Teller
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

Dear Dr. Teller:

The Chairman of the Scientific Advisory Board has been asked to nominate personnel to attend the Joint Civilian Orientation Conference being held on 6 thru 14 October 1954.

This conference is held semi-annually under the sponsorship of the Secretary of Defense. Attendance at each Conference is limited to about seventy persons with invitations equitably extended to nominees of the Secretaries of Defense, Air Force, Army, and Navy.

In general, Conference members are selected from a geographical cross-section of representatives of American business, finance, labor, religion, education, civic leaders, media, and the professions. Eventual selection and invitation of nominees result from personal selection by the Secretary of Defense.

The itinerary of the conference includes a one day briefing in Washington, followed by two days each at Quantico, Norfolk, Eglin, and Fort Bragg, followed by a final day in Washington. Purpose of the Conference is to familiarize top civilians with the organization and functions of the Armed Services.

If you are interested in attending this conference, please let us know immediately so that we can forward your name to the Secretary of the Air Force. As pointed out above, nomination by us does not assure selection, since invitations are made personally by the Secretary of Defense.

Sincerely,

Frank S. Attinger

FRANK S. ATTINGER
Captain, USAF
Administrative Officer
Scientific Advisory Board
Office of the Chief of Staff

August 5, 1954

Major Daniel D. Whitcraft, Jr.
Deputy Secretary
Scientific Advisory Board
Office of the Chief of Staff
Headquarters United States Air Force
Washington 25, D. C.

Dear Major Whitcraft:

Dr. Teller has asked me to write you that he regrets that he can not attend the two-day conference in Washington on August 24 and 25 because of previous commitments and the pressure of his schedule. He is much disappointed, as he feels that the conference will be most worth while, but it appears that he just can not manage it, this time.

Sincerely yours,

Ruth P. Brockett
Secretary to Edward Teller

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

21 July 1954

Dr. Edward Teller
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

Dear Dr. Teller:

The Director of Requirements, Headquarters USAF, is planning a two-day conference in this Headquarters 24 and 25 August concerning radioactive fallout from contact burst megaton bombs and its effect on installations, personnel, and organization. It is expected that the following agencies will participate:

(1) Directorate of Requirements
(2) Directorate of Research and Development
(3) Office of the Assistant for Development Planning
(4) Directorate of Plans
(5) Directorate of Operations
(6) Operations Analysis
(7) Corresponding representatives of the Air Research and Development Command

It has been suggested that several members of the Scientific Advisory Board be invited to attend and participate in this conference. Despite the broad scope of the title it appears to us that you, Dr. Warren, and Dr. Hastings would be especially appropriate representatives if you are interested and could clear the dates on your calendar for the purpose.

I would appreciate hearing from you as to whether or not you can attend this meeting. If you do plan to attend, we will be happy to make the necessary arrangements and to send you more detailed information as soon as it becomes available (although I am told the agenda will not be published until about 12 August).

I am sending similar letters to Dr. Warren and Dr. Hastings.

Sincerely,

Daniel D Whitcraft Jr

DANIEL D. WHITCRAFT, JR.
Major, USAF
Deputy Secretary
Scientific Advisory Board
Office of the Chief of Staff

SCIENTIFIC ADVISORY BOARD TO THE CHIEF OF STAFF, USAF

TRAVEL INFORMATION SHEET

NAME: Edward Teller

| PLACE (Starting, transfer, & arrival points) | DATE | HOUR | NAME OF CARRIER | AMOUNT PAID FOR Transportation | Accommodation (Berth, etc.) | GOVT QTRS Dates | Fees |
|---|---|---|---|---|---|---|---|
| Dep. | | | | | | | |
| Arr. | Traveler in Washington: | | | no claim for transportation | | | |
| Dep. | | | | | | | |
| Arr. | | | | | | | |
| Dep. | | | | | | | |
| Arr. | | | | | | | |
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| Dep. | | | | | | | |
| Arr. | | | | | | | |

OTHER REIMBURSABLE ITEMS

| DATE | ITEM OF EXPENSE | FROM | TO | AMOUNT |
|---|---|---|---|---|
| 1/31 | Hotel | 1/31 | 2/1 | 9.69 |
| 2/1 | Per diem | 2/1 | 2/2 | |
| | | | | |
| | | | | |

DATES FOR WHICH CONSULTING FEE ($50/Day) IS CLAIMED: 2/1/54 - one day.

Dates for which per diem is charged: 2/1/54. (Lodgings operated under Government control or supervision were not furnished.)

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NOTE PAPER

February 8, 1954

Mrs. Adelia Letchworth, Administrative Assistant
Scientific Advisory Board, AFCSA
Room 4E 337
Headquarters, U. S. Air Force
Washington 25, D. C.

Dear Mrs. Letchworth:

On December 8, 1953, Dr. Teller was invited by Dr. Harry Wexler, Chairman, Geophysical Research Panel, to attend a meeting of the Panel at Andrews Air Force Base on February 1 and 2, 1954. Dr. Teller did not think he could attend, and so made no prior arrangements. However, it turned out to be necessary for him to be in Washington on February 2, on other business, and therefore he found he was able to attend the February 1 SAB Panel meeting.

Dr. Teller has consequently asked me to submit his claim for per diem and consulting fee for that one day, February 1. There is no claim for transportation reimbursement, since Dr. Teller was to be in Washington the next day, in any event.

I hope arrangements may be made without too much complication to reimburse Dr. Teller for the day he attended the Panel meeting.

Very truly yours,

Ruth P. Brockett
Secretary to Edward Teller

Encls.

UNITED STATES DEPARTMENT OF COMMERCE
WEATHER BUREAU
WASHINGTON, D. C.

December 8, 1953

IN REPLY, PLEASE ADDRESS
CHIEF OF BUREAU
AND REFER TO

R-3

TO MEMBERS OF THE GEOPHYSICAL RESEARCH PANEL, SAB

Gentlemen:

Having now heard from all Panel members, it appears as if the dates February 1 and 2 for the meeting at the Headquarters, Air Weather Service, Andrews Air Force Base (near Washington, D. C.) will be generally suitable. Two of the members, Drs. Whipple and Kaplan, expect to spend a few hours at the meeting of the Upper Air Rocket Research Panel on Feburary 1, but it is hoped they can arrive at Andrews Field in time for the afternoon session. The briefing will continue Tuesday and the Panel will go into executive session sometime Tuesday afternoon. If you have any particular items that you would like to have discussed by the Air Weather Service people, please let me know.

On January 22nd the Panel Chairman will meet with Dr. von Karman to discuss General Putt's request for a "Toward New Horizons" study which was briefly mentioned at the Colorado Springs meeting. If you have any suggestions which you think might contribute to this meeting, please let me have them.

Harry Wexler
Chairman, Geophysical Research Panel

cc: Dr. J. Kaplan
Dr. John Strong
Professor A. Spilhaus
Dr. Fred Whipple

Mr. C. N. Hasert, SAB

Professor John von Neumann
Dr. Edward Teller ✓

Dear Edward: I hope that you and von Neumann can attend this meeting.

Harry

HW

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

2 March 1954

Dr. Edward Teller
University of California
Radiation Laboratory
P.O. Box 808
Livermore, California

Dear Dr. Teller:

You are invited to attend a meeting of the Scientific Advisory Board to be held at Langley Air Force Base, Virginia, on 22-23-24 March 1954.

In accordance with the provisions of your blanket travel orders dated 30 June 1953, you are authorized to proceed from Livermore, California to the Hotel Chamberlin, Old Point Comfort, Ft. Monroe, Virginia and return, with variations as may be necessary in order to attend this meeting.

Compensation for your consulting services will be made in accordance with your U. S. Air Force contract.

Sincerely yours,

Frank S. Attinger

FRANK S. ATTINGER
Captain, USAF
Administrative Officer
Scientific Advisory Board
Office of the Chief of Staff

NOTE PAPER

January 11, 1954

General N. F. Twining
Chief of Staff, USAF
Headquarters United States Air Force
Washington 25, D. C.

Dear General Twining:

Thank you for your kind letter of 31 December 1953. It has been a most enjoyable and stimulating experience, and a great personal satisfaction to me to serve on the Scientific Advisory Board during the last two years. I accept with pleasure your invitation to accept reappointment as a member of the Nuclear Weapons Panel of the SAB for the year beginning 1 January 1954.

Sincerely,

Edward Teller

June 8, 1955

Dr. Milton Greenberg, Director
Geophysics Research Directorate
Air Force Cambridge Research Center (ARDC)
415 Summer Street
Boston 15, Massachusetts

Dear Dr. Greenberg:

In the absence of Dr. Teller, this will acknowledge your letter of 6 June and your kind invitation to him to attend the meeting of the Geophysical Panel, SAB, on June 27-28. I am sure Dr. Teller would be most interested in the meeting and will make every effort to be there, but I am not certain at this moment just what plans he may have for that week.

I will try to bring your letter to Dr. Teller's attention just as soon as he returns to Livermore, in about a week.

Sincerely yours,

(Mrs.) Ruth P. Brockett
Secretary to Edward Teller

cc: Col. Sweet (AFCSA)
Dr. Wexler

NOTE PAPER

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

21 October

Dr. Edward Teller
Radiation Laboratory
P. O. Box 808
Livermore, California

Dear Dr. Teller:

I have Mrs. Brockett's letter of October 17 expressing your regrets that you will be unable to attend the meeting of Dr. Kaplan's panel in Omaha on 27-28 October 1952.

I am very sorry that you cannot be there but appreciate your situation. I shall inform Dr. Kaplan of your prior commitments and I am sure he will fully understand.

Sincerely,

M. P. Maier

M. P. MAIER
Major, USAF
Deputy Secretary
Scientific Advisory Board
Office of the Chief of Staff

(Just received copy your letter to Dr. Kaplan.)

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Stanford, California 94305-6003 USA
NOTE PAPER

June 16, 1955

Dr. Milton Greenberg, Director
Geophysics Research Directorate
Air Force Cambridge Research Center (ARDC)
415 Summer Street
Boston 15, Massachusetts

Dear Dr. Greenberg:

Thank you for your letter of 6 June, which I have just seen upon my return to Livermore. I appreciate very much Harry Wexler's thoughtfulness and your courtesy in extending me the invitation to attend the meeting of the Panel on Geophysical Research on June 27 and 28. However, much to my regret, my plans for the remainder of the month will just not permit me to do so.

I am reading the copy of your "Pre-Briefing Book" with much interest, and hope I may learn something of the results of the meetings at some future time.

Sincerely,

Edward Teller

cc: Col. Sweet (AFCSA)
Dr. Wexler

~~SECRET~~

GEOPHYSICS RESEARCH DIRECTORATE
AIR FORCE CAMBRIDGE RESEARCH CENTER (ARDC)

AIR MAIL

415 SUMMER STREET
BOSTON 15, MASSACHUSETTS

THE DIRECTOR

6 June 1955

Dr. Edward Teller
Radiation Laboratory
University of California
Livermore, California

Dear Dr. Teller,

In the light of your interest in geophysics and at the request of Dr. Harry Wexler, Chairman, Panel on Geophysical Research, USAF-SAB, I am taking this opportunity to invite you to attend the forthcoming meeting of the Panel on 27-28 June at the laboratories of the Directorate.

Inclosed is a copy of our "Pre-Briefing Book," (including the agenda), which is being furnished to the panel membership.

Sincerely,

Milton Greenberg

MILTON GREENBERG
Director

1 Incl
"Pre-Briefing Book"

cc: Col. Sweet (AFCSA)
Dr. Wexler

If inclosure #1 is withdrawn or not attached, the classification of this correspondence will be cancelled in accordance with AFR 205-1.

~~SECRET~~

S-8324-4

XXXXXXXXXXXXXXXXXX
P. O. Box 808
Livermore, California

October 17, 1952

Professor J. Kaplan
University of California at Los Angeles
Los Angeles, California

Dear Professor Kaplan:

Dr. Edward Teller has found that, after all, and to his deep disappointment, he will not be able to attend the meeting of your Geophysics Research Panel in Omaha, on October 27 and 28. As he wrote you previously, he has prior commitments in the east on October 23 and 24, and additional consultations and conferences in that vicinity have been arranged, which will make it impossible for him to get to Omaha.

Major Maier, from whom a supplementary official invitation was received, has been informed of the situation, but Dr. Teller wants you to know how very greatly he regrets that this time he can not participate in an association which means so much to him, and a project in which he is greatly interested. He wishes me to express his appreciation of the invitation, and the hope that he will be able to join you, upon another occasion.

Very truly yours,

(Mrs.) Ruth P. Brockett
Secretary to Edward Teller

cc: Mr. B. J. Driscoll, Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff
Department of the Air Force
Washington 25, D. C.

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Stanford, California 94305-6003 USA
NOTE PAPER

9 October 1952

Dr. Edward Teller
Radiation Laboratory
University of California
Berkeley 4, California

Dear Dr. Teller:

You are invited to participate in a meeting of the Geophysical Research Panel of the Scientific Advisory Board to the Chief of Staff to be convened at the Strategic Air Command, Offutt Air Force Base, Omaha, Nebraska, on 27 -28 October 1952.

In accordance with the provisions of your blanket travel orders dated 30 June 1952, you are authorized to proceed from Berkeley, California to Omaha, Nebraska and return, with variations as may be necessary in order to attend this meeting.

Compensation for your consulting services at this meeting will be made under the terms of your contract No. AF33(600) 6464(S#1).

Sincerely,

M. P. MAIER
Major, USAF
Deputy Secretary
Scientific Advisory Board
Office of the Chief of Staff

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

1 October 1952

Dr. Edward Teller
Radiation Laboratory
University of California
Berkeley 4, California

Dear Dr. Teller:

The Geophysical Research Panel of the Scientific Advisory Board under the chairmanship of Dr. Joseph Kaplan plans to convene at Hq. Strategic Air Command, Omaha, Nebraska, on October 27-28, 1952. Dr. Harry Wexler has advised me that he discussed these dates and your attendance at this meeting in Cambridge two weeks ago, and that you believed you could be there. Dr. Kaplan hopes very much that you can make it. Please advise me at your early convenience if you will attend, at which time I would prepare a letter authorizing your travel and inclosing any government travel requests that you might want.

The agenda for the meeting is not firm at this time, although it will concern Strategic Air Command problems that are related to geophysical research. I will forward the agenda when it is available.

We have your letter concerning your travel to Boston. You will note that the blanket travel orders covering your participation in Board affairs provide that you be reimbursed a flat $9.00 per day to cover expenses other than the cost of tickets for traveling. I will prepare a voucher claiming this reimbursement for September 9-10-11 which will correspond almost to the penny with your actual hotel expenses.

Sincerely,

M P Maier

M. P. MAIER
Major, USAF
Deputy Secretary
Scientific Advisory Board
Office of the Chief of Staff

NOTE PAPER

1 October 1952

Dr. Edward Teller
Radiation Laboratory
University of California
Berkeley 4, California

Dear Dr. Teller:

The Geophysical Research Panel of the Scientific Advisory Board under the chairmanship of Dr. Joseph Kaplan plans to convene at Hq. Strategic Air Command, Omaha, Nebraska, on October 27-28, 1952. Dr. Harry Wexler has advised me that he discussed these dates and your attendance at this meeting in Cambridge two weeks ago, and that you believed you could be there. Dr. Kaplan hopes very much that you can make it. Please advise me at your early convenience if you will attend, at which time I would prepare a letter authorizing your travel and inclosing any government travel requests that you might want.

The agenda for the meeting is not firm at this time, although it will concern Strategic Air Command problems that are related to geophysical research. I will forward the agenda when it is available.

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Sincerely,

M. P. MAIER
Major, USAF
Deputy Secretary
Scientific Advisory Board
Office of the Chief of Staff

August 11, 1952

Professor J. Kaplan
University of California at Los Angeles
Los Angeles, California

Dear Professor Kaplan:

I have received the invitation to attend the Geophysics Research Panel meeting from Mr. Driscoll.

Since I am already committed for October 23-24 these dates are not available on my calendar. Hence, October 29-30 would be better if it makes no difference to you in the schedule. However, I would ask that you do not adjust the dates on my account since I am not certain if I will be able to attend, even on October 29-30.

Sincerely,

Edward Teller

ET:PD
cc: Mr. B. J. Driscoll, Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff
Department of the Air Force
Headquarters
Washington 25, D. C.

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

24 July 1952

Dr. Edward Teller
Radiation Laboratory
University of California
Berkeley 4, California

Dear Dr. Teller:

Professor Kaplan is planning to convene a meeting of his Geophysics Research Panel during the early fall at the Headquarters of the Strategic Air Command at Omaha.

He would like very much to have you attend this session, and has asked me to determine your preference for dates. October 23 - 24 or October 29 - 30 have been suggested as possible times. Would you kindly let me know whether you can attend and which dates would be most satisfactory to you?

Sincerely,

B. J. Driscoll

B. J. DRISCOLL
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff

ARY & ARCHIVES
rnia 94305-6003 USA
NOTE PAPER

June 26, 1953

Mrs. Adelia Letchworth, Administrative Assistant
Scientific Advisory Board, AFCSA
Room 4 C 340
Headquarters, U. S. Air Force
Washington 25, D. C.

Dear Mrs. Letchworth:

I am enclosing the Travel Information Sheet for Dr. Teller's attendance at the Panel meeting in Los Alamos on June 22 and 23. For a change, it looks as though this were quite clear-cut and unambiguous.

As you will perceive, I have no supply of the revised forms, samples of which were enclosed with Major Whitcraft's recent memorandum to members of the SAB. I would appreciate receiving some of these new sheets at any time convenient for you, prior to the next meeting at which Dr. Teller will be expected.

Very truly yours,

(Mrs.) Ruth P. Brockett
Secretary to Edward Teller

Encl.

SCIENTIFIC ADVISORY BOARD TO THE CHIEF OF STAFF, USAF

TRAVEL INFORMATION SHEET

NAME:
Edward Teller , Livermore, California

| PLACE (Starting, transfer, & arrival points) | DATE | HOUR | NAME OF CARRIER | AMOUNT PAID FOR | | GOVT QTRS | |
|---|---|---|---|---|---|---|---|
| | | | | Transportation | Accomodation (Berth, etc.) | Dates | Fee |
| Dep. Traveler already in Los Alamos. No charge. | | | | | | | |
| Arr. | | | | | | | |
| Dep. Separate arrangements made for trip on return. No charge. | | | | | | | |
| Arr. | | | | | | | |
| Dep. | | | | | | | |
| Arr. | | | | | | | |
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| Arr. | | | | | | | |
| Dep. | | | | | | | |
| Arr. | | | | | | | |
| Dep. | | | | | | | |
| Arr. | | | | | | | |

OTHER REIMBURSABLE ITEMS

| DATE | ITEM OF EXPENSE | FROM - TO | AMOUNT |
|---|---|---|---|
| | | | |
| | | | |
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| | | | |

DATES FOR WHICH CONSULTING FEE ($50/Day) IS CLAIMED: 6/22, 6/23/53: two days.
DATES FOR WHICH PER DIEM IS CHARGED: 6/22, 6/23/53. (Lodgings operated under Government control or supervision were not furnished.)

DEPARTMENT OF THE AIR FORCE
OFFICE OF THE CHIEF OF STAFF
UNITED STATES AIR FORCE
WASHINGTON, D. C.

31 December 1953

Dr. Edward Teller
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

Dear Dr. Teller:

During the year now ending, we in the United States Air Force have continued to benefit greatly from the counsel and guidance of our Scientific Advisory Board. Both in the solution of the complex technological problems with which we are faced, and in the recognition and exploitation of scientific opportunities which arise, the Air Force is fortunate in being able to utilize your knowledge, experience, time, and effort through your work with the SAB.

I should like to thank you, personally as well as officially, for your help in the past, and to ask that you continue your work with us for the year ahead by accepting reappointment as a member of the Nuclear Weapons Panel of the Scientific Advisory Board for the year beginning 1 January 1954.

Sincerely,

N F Twining

N. F. TWINING
Chief of Staff, United States Air Force

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

25 September 1953

Dr. Edward Teller
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

Dear Dr. Teller:

You are invited to participate in a joint meeting of the Aircraft and Nuclear Weapons panels of the Scientific Advisory Board to the Chief of Staff, USAF, to be held at Offutt Air Force Base, Omaha, Nebraska on 16 and 17 October 1953. You are also invited to attend a meeting of the Scientific Advisory Board to be convened at Ent Air Force Base, Colorado Springs, Colorado on 19, 20 and 21 October 1953.

In accordance with the provisions of your blanket travel orders dated 30 June 1953, you are authorized to proceed from Livermore, California to Omaha, Nebraska to Colorado Springs, Colorado and return, with variations as may be necessary in order to attend these meetings.

Compensation for your services will be made under your U. S. Air Force contract.

Sincerely,

Daniel D. Whitcraft Jr.

DANIEL D. WHITCRAFT, Jr.
Major, USAF
Deputy Secretary
Scientific Advisory Board
Office of the Chief of Staff

October 6, 1953

Major Daniel D. Whitcraft, Jr.
Scientific Advisory Board
Office of the Chief of Staff
Headquarters United States Air Force
Washington 25, D. C.

Dear Major Whitcraft:

It is now Dr. Teller's plan to arrive in Omaha on the morning of October 17, traveling by way of Columbia, Missouri, where he is to give a lecture the evening of October 16. This will mean that Dr. Teller would request reimbursement from the Air Force only from Columbia to Omaha, and Colorado Springs back to Berkeley. Does this change require an amended letter of authorization, or is it covered sufficiently by the phrase "with variations as may be necessary" in the original letter of 25 September?

This change will also mean that Dr. Teller will not be present at the meetings on the 16th, and will not require accommodations at Offutt on Thursday or Friday nights, October 15 or 16. I suppose that taxi service will be readily available to take Dr. Teller from the commercial airport to Offutt.

Dr. Teller's other plans remain the same. He would like to join the special flight from Omaha to Colorado Springs on the 18th, and will remain through October 21st at the meetings. His travel schedule now takes him out of Colorado Springs at 4:23 PM, which seemed feasible according to the information regarding the meetings received by this office.

I hope that the revisions in Dr. Teller's travel plans will not cause too much confusion.

Sincerely yours,

Ruth P. Brockett
Secretary to Edward Teller

September 17, 1953

Mr. Chester N. Hasert
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff
Headquarters U. S. Air Force
Washington 25, D. C.

Dear Mr. Hasert:

Thank you for your letter of 14 September 1953. I should be very glad to fulfill your request for a copy of the talk Dr. Teller gave in Berkeley on September 10, but there are several flaws in the situation. I am afraid the newspapers in Washington did not receive quite accurate information, because the subject of Dr. Teller's talk was "The Safety of Nuclear Reactors", which might have some remote connection with aircraft nuclear propulsion, although I do not believe that any phase of applications to aircraft was involved. In the second place, the only material pertaining to the talk I have is a very condensed, one-page abstract, submitted for "declassification" purposes. Such a completely skeletal resume, I am sure, does not do justice to the presentation that Dr. Teller made. However, I shall be very pleased to make you a copy, if you think you would still like to see it.

Dr. Teller will be on a rush trip to Washington this weekend, staying at the Statler on Sunday. I am sure he would like very much to talk to you, if you wish to telephone him there (if you receive this note in time).

Sincerely yours,

Ruth P. Brockett
Secretary to Edward Teller

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

14 September 1953

Mrs. Ruth P. Brockett
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

Dear Mrs. Brockett:

I noticed in the Washington newspapers that Dr. Teller recently gave a talk on aircraft nuclear propulsion at a meeting in Berkely on September 10th.

I would be very interested in having a copy of this paper if one is available, or any notes you might have.

Sincerely,

Chester N. Hasert

CHESTER N. HASERT
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff

RESTRICTED
SECURITY INFORMATION

March 16, 1953

Dr. David T. Griggs
The Rand Corporation
1700 Main Street
Santa Monica, California

Dear Dave:

Thanks for the draft of the report. There are two minor comments which I should like to make about it.

First, I thought that it might be good to add to logistics carriers the possibility of a patrol plane. This could be done by including the words "or patrol planes" in brackets after the words "logistics carriers" in the middle and at the bottom of page 1, and under heading 2. on page 4. Second, I feel that there is strong reason for the Air Force to sponsor general research on behavior of materials under high temperature and flux. I would suggest that on page 2 under heading 1. the words "modest research" should be replaced by "research", and I would also suggest that on page 4 among our recommendations on different courses of action we include, perhaps under a new heading, something like the following sentence:

> 4. That several modest research contracts be let to investigate properties of appropriate materials at high temperatures and/or under high fluxes of neutron and gamma radiation.

You notice that I'm putting back here your word "modest" because I think that the problem is of the nature that it would be good to have several small contracts rather than one big enterprise.

I do not know whether you agree with any of this and I do not feel strongly about any part, so if you want to leave things as they are, it is all right with me. I am sending a copy of this to Gale with the understanding that you should now let him know whether you want to incorporate any of the changes into the draft. I will be very happy with whatever decision you want to make.

With best regards,

Edward Teller

cc: Gale Young

RESTRICTED
SECURITY INFORMATION

~~RESTRICTED~~
SECURITY INFORMATION

**DEPARTMENT OF THE AIR FORCE**
**HEADQUARTERS UNITED STATES AIR FORCE**
**WASHINGTON 25, D. C.**

16 March 1953

Mrs. Ruth P. Brockett
University of California
Radiation Laboratory
Livermore, California

Dear Mrs. Brockett:

Since I last talked to you we have received confirmation that the airplane will be made available to fly Dr. Teller from Maxwell Air Force Base to Nevada the evening of March 30. This will be a remodeled B-17 from the special mission squadron and will include a berth for him. The airplane will be flown by Captain H. P. Blodgett, who works as an executive to General Craigie and flies with Craigie on most of his trips. I regard Captain Blodgett as a competent, common-sense individual and believe him to be an excellent pilot.

As I indicated on the telephone, the time between Maxwell and Nevada is estimated as being eight hours. I am sure that Dr. Teller can enjoy a good dinner and get off the ground at 8:00 P. M., which would get him into the landing area about 2:00 A. M., assuming two hours difference in time. I suggest that they plan on landing at Las Vegas because of the uncertainties of landing at Indian Springs Air Force Base at night. It might be more reliable if you were to arrange through your own organization for the staff car to meet Dr. Teller at Las Vegas.

I note from your letter of 12 March that Dr. Teller arrives Chicago at 5:30 P. M. the 27th en route Montgomery. Please advise him that the engine group of the Aircraft Nuclear Propulsion Committee will meet at GE, Lockland (Cincinnati), Ohio on Saturday the 28th. This group is planning to spend the evening of the 27th at the Terrace Plaza Hotel, Cincinnati and will leave about 4:00 P. M. on Saturday by special mission military airplane for Maxwell Air Force Base. I am sure that Professor Soderberg would like to have Dr. Teller join in these discussions if he can, and since he is going to come so close to making it as his schedule now stands, I feel he should know of this event. Should he decide that he can fly from Chicago to Cincinnati Friday night or early Saturday morning, please let me know right away, and we will make any necessary hotel reservation and will arrange a car to meet him.

Sincerely,

M. P. Maier

M. P. MAIER
Major, USAF
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff

~~RESTRICTED~~
~~SECURITY INFORMATION~~

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

10 March 1953

Dr. Edward Teller
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

Dear Dr. Teller:

Dr. Harry Wexler would like very much to have you join the Panel for this meeting.

Sincerely,

C. N. Hasert

C. N. HASERT
Deputy Secretary
Scientific Advisory Board
Office of the Chief of Staff

1 Incl
Memo to members of
Geophysical Research Panel

~~RESTRICTED~~
~~SECURITY INFORMATION~~

March 18, 1953

Major M. P. Maier, Executive Secretary
Scientific Advisory Board, AFCSA
Room 4C 340, The Pentagon
Headquarters, U. S. Air Force
Washington 25, D. C.

Dear Major Maier:

Thank you very much for your letter of 16 March, confirming arrangements to fly Dr. Teller to Las Vegas on 30 March. The trip sounds most comfortable, and your recommendation of Captain Blodgett as the pilot is very reassuring. There is just one detail, about which I am sorry to quibble, but which seems rather important, and this is the time of arrival at Las Vegas. The opinion of representatives of the organization here, and members of the operations forces at the site, is that Dr. Teller should plan to arrive <u>not later than midnight</u>, if this is at all feasible. I realize that to leave at 6:00 rather than 8:00 would involve inconvenience and perhaps discomfort, but if it can be managed, apparently midnight should be the witching hour.

I have been informed that landing at Indian Springs at night has been done, and permission has been granted for the B-17 to land there, if need be. However, the word of caution has been added that to land there at night is considered dangerous if the weather is at all adverse, or if the pilot is unfamiliar with the terrain, and therefore the assumption is that Captain Blodgett and Dr. Teller will land at Las Vegas. Our staff will provide for further transportation.

By the way, is there anything we can do to take care of Captain Blodgett when he arrives? Perhaps his welfare has already been tended to, but if we can reciprocate in any way, please let me know.

Dr. Teller has decided that he can attend the Cincinnati meeting, and has reservations on American #560, leaving Chicago at 7:55 PM Friday, March 27, arriving Cincinnati 9:37 PM. He will appreciate it very much if you will make a hotel reservation for him and have a car meet him on arrival. There will be space for him on the special plane flying to Maxwell on Saturday?

Again, my thanks for your interest in Dr. Teller's plans and your very great help. If you have time to let me know the decision in connection with the 6:00 o'clock departure on March 30, I'd appreciate knowing; otherwise, Dr. Teller will have instructions for getting in touch with the people in Nevada.

Sincerely yours,

Ruth P. Brockett

~~RESTRICTED~~
~~SECURITY INFORMATION~~

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

12 March 1953

**STATEMENT**

According to the records in this office, Dr. Edward Teller worked 8 days for the Scientific Advisory Board to the Chief of Staff during calendar year 1952. He was paid $50.00 a day or a total of $400.00.

M. P. MAIER
Major, USAF
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff

March 12, 1953

Major M. P. Maier, Executive Secretary
Scientific Advisory Board, AFCSA
Room 4C 340, The Pentagon
Headquarters, U. S. Air Force
Washington 25, D. C.

Dear Major Maier:

Thank you very much for the information you gave me today regarding the generous arrangements you are making for Dr. Teller's travel on the evening of March 30, and also regarding his 1952 fees.

Confirming what I told you on the telephone, Dr. Teller now plans to go to Montgomery by way of Chicago. He will leave San Francisco via UAL #602, 8:45 AM on March 27, arriving Chicago at 5:30 PM, and stay in Chicago over night. On March 28, he will leave Chicago on Eastern #151 at 10:00 AM, arriving Montgomery at 3:41 PM. It will be very much appreciated if you will have a car there to meet him, as you have indicated. If any unforeseen change occurs in these plans, we will notify you immediately.

I will send Mrs. Letchworth the information about departure and arrival times, etc., on the Santa Monica trip, as well as the information she has requested in connection with the rather involved itinerary Dr. Teller followed en route to the January meetings.

With many thanks for all your help,

Sincerely yours,

Ruth P. Brockett
Secretary to Edward Teller

March 2, 1953

Major M. P. Maier, Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff
Department of the Air Force
Headquarters, United States Air Force
Washington 25, D. C.

Dear Major Maier:

Dr. Teller is out of town for about 10 days, but asked me to write you, in his absence, regarding the next SAB meeting and other details.

1. It seemed to Dr. Teller that it might be simpler for him to go from here to Montgomery by way of Dallas and/or New Orleans than via Washington. If this can be arranged, Dr. Teller would not expect to use military aircraft from Washington, D. C. to Maxwell AFB.

a. So far, we have not been able to achieve any feasible schedule for this alternative. Connecting flights appear to leave for Montgomery on an average of 11 minutes before the original one arrives at the first stop-over. If no other arrangement is possible, would it be permissible, from reimbursement considerations, for Dr. Teller to stop over at a hotel at some point en route?

b. Would there be any complications in transportation from the commercial airport at Montgomery to Maxwell AFB? Is any regular transportation available, to your knowledge?

It may be that to go by Washington will turn out to be simpler, after all. I should have as much information as is available within the next day or two.

2. With regard to travel west on the night of March 30, Dr. Teller feels that it would be possible for him to keep his date on the 31st, if he could get to Denver in time to take off on United Airlines at 12:30 AM, arriving at his destination about 3:00 AM. He therefore wondered if it would be possible for arrangements to be made for him to fly to Denver, through your good offices--a part of the travel that can not be managed by commercial plane. He would, of course, appreciate it very much if he could be flown all the way, but is afraid this might be an imposition on you, and perhaps it would be easier to arrange a ride just to Denver.

3. On February 26, I sent you Dr. Teller's rail coupon and Pullman stubs for the trip to the Santa Monica meetings. I have found subsequently that the Pullman fare for the accommodations used was $21.85. (Divided by two = $10.93)? Or, if it is your policy to reimburse only for single-occupancy accommodations, the cost of a roomette between Oakland and Los Angeles is $7.59 (including tax). Dr. Teller did not give me a receipt for his hotel bill, though perhaps this is included in a per diem. There was a telegram (day letter) that cost $1.44, which I sent, to engage the hotel room for Dr. Teller. His travel time was by sleeper, both ways (non-compensable?). The item of two days at the meetings is the only other detail I can think of.

Incidentally, to my knowledge, Dr. Teller has not received any reimbursement for the January meetings. I realize that this was a rather complicated bit for the bookkeepers, but I wonder if I neglected any pertinent information, or whether this is just the normal time that is necessary to process the requisite forms, etc.

I regret being so persistently assiduous in my requests of you, and imposing on your very great kindness and courtesy. Please accept my gratitude and Dr. Teller's sincere appreciation of your assistance in these various situations.

Very truly yours,

(Mrs.) Ruth P. Brockett
Secretary to Edward Teller

P. S. I neglected to acknowledge your Memorandum to Members of the SAB and attached memo, but I expect you'll recognize the outline!

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

4 February 1953

Dr. Edward Teller
University of California
Radiation Laboratory
P. O. Box 808
Livermore, Califr nia

Dear Dr. Teller:

You are invited to participate in meetings of the Scientific Advisory Board's ad hoc committee on Aircraft Nuclear Propulsion to be convened at Santa Monica, California, 20 - 21 February 1953.

In accordance with the provisions of your blanket travel orders dated 30 June 1953, you are authorized to proceed from Livermore, California to Santa Monica, California, and return, with variations as may be necessary in order to attend these meetings.

Compensation for your consulting services will be made in accordance with your Scientific Advisory Board Contract AF18(600)-530.

Sincerely,

M. P. MAIER
Major, USAF
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff

NOTE PAPER

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

4 March 1953

Mrs. Ruth P. Brockett
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

Dear Mrs. Brockett:

I have your letter of 26 February and regret that I neglected to send you sooner a letter of authorization covering Dr. Teller's trip to Santa Monica for the Scientific Advisory Board meetings on 20 - 21 February 1953. We certainly anticipated paying for this trip. The letter is attached for your file.

Please advise us the times of his departures and arrivals in connection with this trip. I understood that he was staying on after the Scientific Advisory Board meetings on other business, and we will simply skip those days so far as the per diem allowance is concerned. Include also his costs for taxi fares and other expenses officially incurred.

We will let you know as soon as we have a firm fix on Dr. Teller's travel the evening of 30 March.

Sincerely,

M. P. Maier

M. P. MAIER
Major, USAF
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff

1 Inclosure
Ltr of Auth

Stanford, California 94305-6003 USA

NOTE PAPER

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

9 March 1953

Dr. Edward Teller
University of California
Radiation Laboratory
P. O. Box 808
Livermore, California

Dear Dr. Teller:

You are invited to attend a meeting of the Scientific Advisory Board to the Chief of Staff, USAF, to be convened at Maxwell Air Force Base, Alabama and Eglin Air Force Base, Florida on 30-31 March and 1 April 1953.

In accordance with the provisions of your blanket travel orders dated 30 June 1952, you are authorized to proceed from Livermore, California to Montgomery, Alabama to Florida and return, with variations as may be necessary in order to attend this meeting.

Compensation for your services will be made under your contract No. AF18(600)-530.

Sincerely,

Daniel D. Whitcraft Jr.

DANIEL D. WHITCRAFT, Jr.
Captain, USAF
Assistant Deputy Secretary
Scientific Advisory Board
Office of the Chief of Staff

CC Dr. Edward Teller

NDA NUCLEAR DEVELOPMENT ASSOCIATES, INC.
80 GRAND STREET, WHITE PLAINS, N. Y. - WHITE PLAINS 8-5800

January 23, 1953

Dr. Mark Mills
Atomic Energy Division
North American Aviation
P. O. Box 309
Downey, California

Dear Mark:

I enclose a note from Ernie Plesset making the offer of Rand facilities for our sub-group meeting February 12 and 13. I had otherwise been thinking that we might be able to arrange for facilities at Cal Tech, since several of the SAB men are there. Could I ask you to handle the arrangements in whatever way is preferable to you men who are in California, and make reservations for me somewhere convenient to the place you select? I would expect to arrive the evening of the 11th.

Prof. Soderberg's recent memo does not list Griggs in our group, though I had earlier gotten the impression that he was. Perhaps Dave would know about this.

I hope that you and I, at least, and Griggs and/or Teller, if possible, can undertake to write down something before then. Possibly this could be done under two headings:

(a) 5 page first drafts of our reactor and shielding report,

(b) notes and opinions on the business in general to pass on to Prof. Soderberg.

Yours truly,

Gale Young

GY:lb
CC: Teller
Soderberg
Maier

January 28, 1953

Major M. P. Maier, Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff
Department of the Air Force
Washington 25, D. C.

Dear Major Maier:

I believe I erred in itemizing Dr. Teller's claim for reimbursement for his recent trip for the Scientific Advisory Board meeting, namely by including travel time San Francisco to Washington. Since Dr. Teller's flight to the east was overnight, obviously it does not represent travel time that is compensable.

If this matter is not in your department, will you please forward it to the proper authorities, with my apology for any inconvenience my mistake may have caused. If it is in your department, please accept my sincere regrets for having garbled the account.

Very truly yours,

Ruth P. Brockett
Secretary to Edward Teller

AFDAP 22 January 1953

Dr. Edward Teller
Radiation Laboratory
University of California
Berkeley 4, California.

Dear Dr. Teller:

Just a note to let you know that the discussion last week on ANP was both interesting and informative. I was particularly encouraged by the interest you and Dave Griggs had in the logistics problem. I share your enthusiasm in the potential payoff of this approach.

You may recall that I brought up the problem of difference in development time cycles. This is one of major concern to our planning activity and I would like very much to discuss this with you in detail. Could we arrange to do this during the week starting February 9. I will be on the West Coast during that week with Colonel Carter of my office. We can arrange our schedule on any day convenient to you. Both of us have "Q" clearances.

Sincerely,

B. A. SCHRIEVER
Colonel, USAF
Assistant for Development Planning,
DCS/Development

January 26, 1953

Major M. P. Maier, Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff
Department of the Air Force
Washington 25, D. C.

Dear Major Maier:

Thank you for your letter of 22 January, which arrived here today. It is true that Dr. Teller intends to accept the appointment to continue to serve on the General Advisory Board. Unfortunately, I am afraid Dr. Teller was under the impression that the invitation from General Vandenberg was a formality and that no reply to it was expected. Dr. Teller has been a recent victim of the influenza epidemic, but I will bring this matter to his attention just as soon as possible, in order that General Vandenberg may have a proper acknowlegment and you may have your files complete.

I am enclosing the United Airlines ticket stub covering Dr. Teller's travel from San Francisco to New York to Washington and return, as authorized in your letter of 5 January 1953. I am also enclosing the receipted hotel bill, though I do not know whether you require it. Dr. Teller will expect compensation for only the days actually spent on Air Force business, of course, namely travel time San Francisco to Washington and return, and the three days, or parts thereof, spent in Washington at the meetings. If you need any further information, please let me know.

I am not sure that I should impose on you with such matters as travel expense claims and similar details, so if there is someone else whom I should address directly on these occasions, will you please inform me.

Sincerely yours,

Ruth P. Brockett
Secretary to Edward Teller

Encls.-2

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

22 January 1953

Mrs. Ruth P. Brockett
Radiation Laboratory
University of California
Berkeley 4, California

Dear Mrs. Brockett:

I presume from my recent discussions with Doctor Teller that he has received an invitation from General Vandenberg to continue as a member of the Scientific Advisory Board during 1953, and that he intends to accept this appointment.

General Vandenberg customarily refers the replies to his letters of invitation to us for files and information. We have not, as yet, received one from Dr. Teller. Although there are opportunities for mistakes here, I am wondering if Dr. Teller did receive the Chief of Staff's invitation and, if he did, has he favored General Vandenberg with a reply.

Sincerely,

M. P. MAIER
Major, USAF
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff

January 9, 1953

Major M. P. Maier
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff
Headquarters United States Air Force
Washington 25, D. C.

Dear Major Maier:

Thank you very much for your prompt and helpful response to my inquiries of December 30. Dr. Teller appreciated a great deal your extending his travel authorization, and I am particularly grateful for your having made arrangements for the extension of his hotel reservation, a procedure that would have been extremely complicated from here.

Dr. Teller is looking forward with great interest to the meetings next week, and can anticipate them in an especially untrammeled frame of mind because of your kindness in facilitating his travel arrangements.

Thank you again for your great courtesy and consideration.

Very truly yours,

(Mrs.) Ruth P. Brockett
Secretary to Edward Teller

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

5 January 1953

Mrs. Ruth P. Brockett
Radiation Laboratory
University of California
Berkeley 4, Cal.

Dear Mrs. Brockett:

I have your letter of 30 December regarding Dr. Teller's travel plans to Washington for the ANP meeting on 12-13-14 January.

In view of the fact that the Radiation Laboratory paid for Dr. Teller's travel expenses to the Scientific Advisory Board meeting in Cambridge last September, we will be happy to extend his travel authorization for this trip in order that he can attend the meetings in New York and Princeton. An amended letter of authorization is enclosed.

We have extended Dr. Teller's hotel reservation at the Raleigh Hotel thru the 14th. A copy of the agenda for this meeting is inclosed and you will note that we are scheduled to convene in Room 5C1040, Pentagon, at 9:00 A.M. on the 12th. I feel that these sessions will be most interesting and useful and we are looking forward to seeing Dr. Teller at that time.

Sincerely,

M. P. Maier

M. P. MAIER
Major, USAF
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff

Enclosures - 2
1. Ltr. Auth.
2. Agenda

5 January 1953

Dr. Edward Teller
Radiation Laboratory
University of California
Berkeley 4, California

Dear Dr. Teller:

You are invited to participate in Scientific Advisory Board meetings on aircraft propulsion systems to be convened at Headquarters, U. S. Air Force, Washington, D. C. on 12, 13 and 14 January 1953. You are also invited to attend USAF Research and Development discussions on 9-10 January 1953.

In accordance with the provisions of your blanket travel orders dated 30 June 1952, you are authorized to proceed from Berkeley, California to New York, N.Y. to Princeton, N. J. to Washington, D. C. and return, with variations as may be necessary for the purpose of attending these meetings.

Compensation for your services will be made under the terms of your USAF Contract No. AF18(600)530.

Sincerely,

M. P. Maier

M. P. MAIER
Major, USAF
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

29 December 1952

Dr. Edward Teller
Radiation Laboratory
University of California
Berkeley 4, California

Dear Dr. Teller:

You are invited to participate in Scientific Advisory Board meetings on aircraft propulsion systems to be convened at Headquarters, United States Air Force, Washington, D. C. on 12, 13, and 14 January 1953.

In accordance with the provisions of your blanket travel orders dated 30 June 1952, you are authorized to proceed from Berkeley, California to Washington, D. C. and return, with variations as may be necessary, for the purpose of attending these meetings.

Compensation for your services will be made under the terms of your USAF Contract No. AF18(600)530.

Sincerely,

M. P. Maier

M. P. MAIER
Major, USAF
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff

December 30, 1952

Major M. P. Maier, Deputy Secretary
Scientific Advisory Board
Office of the Chief of Staff
Department of the Air Force
Washington 25, D. C.

Dear Major Maier:

Dr. Teller has asked me to thank you for making the hotel reservations for him. He expects to arrive in Washington on the 11th of January and attend the meetings, as scheduled.

There is a slight complication regarding Dr. Teller's travel plans, however, which he has asked me to consult you about. It will be necessary for Dr. Teller to be in New York and Princeton prior to his arrival in Washington, so he will be on travel time beginning the night of January 8. In addition, he must be in Los Angeles for a meeting on January 16, so he does not plan to leave Washington until January 15. On the basis of the fact that the Radiation Laboratory paid for Dr. Teller's travel expenses on his last trip, in September, he wondered if the Air Force would be willing to cover the earlier-and-later travel times, or if we should try to split up the various parts of his travel into separate pieces? I suppose his travel orders would cover round-trip plane fare from San Francisco to Washington and return. I regret troubling you with these details but would appreciate any assistance you care to give.

Would you also be kind enough to check whether Dr. Teller's hotel reservation could be extended through the 14th? I realize this may be difficult because of Inauguration plans, but perhaps it would be less so from the Washington end than here.

Will Dr. Teller receive any more information regarding time and place of the meetings? I seem to have nothing very definite.

I shall be grateful for any help you can give me on these problems.

Very truly yours,

(Mrs.)Ruth P. Brockett
Secretary to Edward Teller

November 28, 1952

Major Mark P. Maier, USAF
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff
Headquarters, United States Air Force
Washington 25, D. C.

Dear Major Maier:

Dr. Teller has asked me to thank you for your letter of November 6 and to say that he will be very happy to be a member of the ad hoc committee for the Scientific Advisory Board. So far as Dr. Teller can foresee, January 14-15-16 will be convenient dates for him to attend the committee meetings in Washington.

With regard to the next full Board meeting in March, Dr. Teller will be glad to attend and will plan to do so, regardless of location. He has no preference or opinion on the merits of Eglin vs. Maxwell as a meeting place, and will proceed according to whatever decision is made by the other participants.

Very truly yours,

(Mrs.) Ruth P. Brockett
Secretary to Edward Teller

~~RESTRICTED~~
~~SECURITY INFORMATION~~

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

6 November 1952

Dr. Edward Teller
Radiation Laboratory
University of California
Berkeley 4, California

Dear Dr. Teller:

You recall that at the recent Board meeting in Cambridge Dr. von Karman expressed his opinion that the Board should concern itself with the Aircraft Nuclear Propulsion (ANP) program, and we have taken preliminary steps in this direction.

We find substantial agreement on what the scope of the Board activity in this field should be. It is recommended that this effort take the form of an ad hoc committee which would study the problems over a period of months before attempting to form comments or recommendations. Professor Soderberg has accepted General Craigie's invitation to chairman such a committee, and both gentlemen hope that you will be able to join in the committee's work. I do not anticipate that such participation would require substantial amounts of your time.

It is anticipated that this ad hoc group will include all members of the Fuels and Propulsion Panel, representatives of the Aircraft and Aeromedical panels, and two or three Members-at-Large who have great interest in the ANP program.

Professor Soderberg suggests that the committee meet in January for initial briefings to get the committee started, and to prepare it to present highlights of the ANP program to the Board at the March meeting, as Dr. von Karman requested. January 14-15-16 are the dates proposed for this meeting, which would be held in Washington. Please advise me at your earliest convenience if you will be able to take part in the committee's work, and if these dates are all right.

Sincerely,

M P Maier

MARK P. MAIER
Major, USAF
Executive Secretary
Scientific Advisory Board
Office of the Chief of Staff

~~RESTRICTED~~
~~SECURITY INFORMATION~~

NOV 1 0 1952

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D.C.

MEMORANDUM TO: Members of the Scientific Advisory Board

SUBJECT: Date and Place of Next Full Board Meeting

1. You may recall that this subject was considered briefly at the conclusion of the September Board meeting, and it was tentatively decided that the meeting should be held at Eglin Air Force Base, Valparaiso, Florida, in March 1953. This decision was in general accord with Dr von Karman's suggestion that armament and/or tactical air matters be discussed at this meeting, since Eglin is the home of the Air Force Armament Center as well as the Air Proving Ground Command. It was also suggested that the meeting be scheduled so that our members could observe one of the firepower demonstrations that have been so widely acclaimed.

2. Investigation discloses that such a demonstration is scheduled for late March, probably the 31st, but that all suitable quarters at Eglin will be occupied by guests of the Secretary of Defense (Joint Civilian Orientation Conference). Also that each demonstration is sufficiently costly in dollars and time that we cannot, in good conscience, ask General Timberlake to stage another demonstration so close to the one to which he is already committed.

3. Under these circumstances, we propose that the Board be convened at the Air University, Maxwell Air Force Base, Montgomery, Alabama, and that the members be flown to Eglin and return (about 30 minutes flight) the day of the show. It appears that this side trip would be entirely feasible and should not physically overtax those involved. I feel also that the members unfamiliar with the Air University would find a visit there both pleasant and useful. The alternative would be to convene at Eglin anytime earlier in March and pass-up the firepower demonstration.

4. I would like your opinions on how to proceed in this matter. Kindly complete the attached slip and return it at your earliest convenience.

M. P. MAIER
Major, USAF
Executive Secretary
Scientific Advisory Board

2 Inclosures
Form
s/a envelope

January 27, 1953

General Hoyt S. Vandenberg
Chief of Staff
United States Air Force
Washington 25, D. C.

Dear General Vandenberg:

Thank you for your very kind invitation to accept reappointment as a Member-at-Large on the General Advisory Board for the year beginning January 1, 1953. I have enjoyed very much my association as a member of the Board during the past year, and accept with great pleasure the privilege of participating for another year.

Very sincerely yours,

Edward Teller

DEPARTMENT OF THE AIR FORCE
OFFICE OF THE CHIEF OF STAFF
UNITED STATES AIR FORCE
WASHINGTON, D. C.

18 December 1952

Dr. Edward Teller
Radiation Laboratory
University of California
Berkeley 4, California

Dear Dr. Teller:

During the last year, my staff and I have continued to benefit from the sound advice provided us by the Scientific Advisory Board. The Board has been of great assistance to us in solving the difficult scientific problems that continually face the United States Air Force, and I appreciate very much your contributions to these studies and recommendations.

As you know, it is our policy to rotate Board membership periodically among the scientific and technical leaders of the nation. However, your continued participation in Board activities for another term would be very helpful to me, and I invite you to accept reappointment as a Member-at-Large for the year beginning January 1, 1953.

I realize that the demands on your time are heavy, but hope that you will find it possible to continue this effective work.

Very sincerely yours,

Hoyt S. Vandenberg

HOYT S. VANDENBERG
Chief of Staff, United States Air Force

October 17, 1952

XXXXXXXXXXXXXXXXX
P. O. Box 808
Livermore, California

Major M. P. Maier, Deputy Secretary
Scientific Advisory Board
Office of the Chief of Staff
Department of the Air Force
Washington 25, D. C.

Dear Major Maier:

Dr. Edward Teller has requested me to write you that, to his very great disappointment, he finds he can not attend the meeting of the Geophysical Research Panel of the Scientific Advisory Board to the Chief of Staff on October 27 and 28. Several prior commitments require his being in the east toward the end of October and consequently, he will be unable to get to Omaha at that time.

Dr. Teller wishes me to express his very real regret at not being able upon this occasion to participate in the meeting, in which he is greatly interested, and his appreciation of your invitation.

Very truly yours,

(Mrs.) Ruth P. Brockett
Secretary to Edward Teller

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

Contra Costa Co.

9 October 1952

Dr. Edward Teller
Radiation Laboratory
University of California
Berkeley 4, California

Dear Dr. Teller:

You are invited to participate in a meeting of the Geophysical Research Panel of the Scientific Advisory Board to the Chief of Staff to be convened at the Strategic Air Command, Offutt Air Force Base, Omaha, Nebraska, on 27 -28 October 1952.

In accordance with the provisions of your blanket travel orders dated 30 June 1952, you are authorized to proceed from Berkeley, California to Omaha, Nebraska and return, with variations as may be necessary in order to attend this meeting.

Compensation for your consulting services at this meeting will be made under the terms of your contract No. AF33(600) 6464(S#1).

Sincerely,

M P Maier

M. P. MAIER
Major, USAF
Deputy Secretary
Scientific Advisory Board
Office of the Chief of Staff

September 25, 1952

Major M. P. Maier, Deputy Secretary
Scientific Advisory Board
Office of the Chief of Staff
Department of the Air Force
Washington 25, D. C.

Dear Major Maier:

You will find attached receipts from the Hotel Statler in the amount of $25.65 and the Baker House (Massachusetts Institute of Technology) in the sum of $3.00 to cover the cost of my reservations during the recent meeting of the Scientific Advisory Board. In the event that any other receipts are required in connection with this trip, I would appreciate word from you.

Since the cost of my travel for this trip is to be paid by the Radiation Laboratory there is no charge to the Air Force.

If additional information is necessary for your Office to complete the necessary forms, may we hear from you.

Sincerely,

Edward Teller

PD
Enc. (2)

Standard Form No. 1034a—Revised
Form prescribed by
Comptroller General, U. S.
September 1950
(Gen. Reg. No. 51, Supp. No. 11)

# PUBLIC VOUCHER FOR PURCHASES AND SERVICES OTHER THAN PERSONAL

D. O. Vou. No. 46021

Bu. Vou. No.

*U. S.* AIR FORCE
(Department, bureau, or establishment)

*Voucher prepared at* Wright-Patterson AFB, Ohio
(Give place and date) 29 Oct 52 alh

THE UNITED STATES, Dr., *Payee's Account No.*

*To* EDWARD TELLER
(Payee)

Radiation Laboratory, University of California, Berkeley, Calif.
(Address) (City) (State)

PAID BY
OCT 1952
G. B. CRANDALL
COL., USAF
DAYTON, OHIO
SYMBOL NO. 225-332
STATION 6109
(For use of Paying Office)

| No. and Date of Order | Date of Delivery or Service | ARTICLES OR SERVICES (Enter description, item number of contract or Federal supply schedule, and other information deemed necessary) Discount Terms | QUANTITY | UNIT PRICE Cost | UNIT PRICE Per | AMOUNT Dollars | AMOUNT Cts. |
|---|---|---|---|---|---|---|---|
| | | Per Detailed Bills Herewith | | | | | |
| | 9,10,11 Sep 52 | Invoice No. 13 Oct 52 | | | | 150 | 00 |
| PAYMENT: Complete ☐ Partial ☐ Final ☐ | 2nd Partial | Use continuation sheet(s) if necessary | | | | | |
| Shipped from | to | Weight / Government B/L No. | | | Total | 150 | 00 |

(Payee must NOT use this space)

Differences

Per Certified Invoice Attached

Account verified; correct for

(Signature or initials)

Contract No. AF 33(600)-6464 Date 1 Sep 51 Req. No. Date Invoice Rec'd.

## MEMORANDUM

DEPUTY FOR G. B. CRANDALL, COL., USAF

ACCOUNTING CLASSIFICATION (For completion by Administrative Office)

| Appropriation, limitation, or project symbol | Appropriation title | Limit'n. or Proj't. Amount | Appropriation Amount |
|---|---|---|---|
| 57X3600 | 247-1003 P699-01 533-616 | | $150.00 |

| Allotment symbol | Amount | Obligations liquidated | COST ACCOUNT Symbol | COST ACCOUNT Amount | OBJECTIVE CLASSIFICATION Symbol | OBJECTIVE CLASSIFICATION Amount |
|---|---|---|---|---|---|---|
| | | | | | | |

Paid by { Check No. ________ dated 30 OCT 1952, 19___, for $150.00 { on Treasurer of the United States in favor of payee named above.
Cash, $________, on ________, 19___

REMITTANCE

c9-16—22900a-1

UNITED STATES AIR FORCE DATE: 13 October 1952

ATTENTION: Finance Officer, U. S. Air Force
Building 120, Area "C"
Wright-Patterson AFB
Dayton, Ohio

THE UNITED STATES, Dr.,

TO: Dr. Edward Teller
Radiation Laboratory
University of California
Berkeley, California

---

For Consulting Services as follows: Contract No. AF33(600)6464(S#1)

9, 10, 11 September 1952

3 days at $50.00 per day - - - - - - - - - - - - - - - - - - - - - - $150.00

I certify that the above bill is correct and just and that payment therefor has not been received.

---

I certify that the above services have been rendered in accordance with the terms of the Contract and payment therefor is approved in the amount of One Hundred Fifty ($150.00) Dollars.

M. P. MAIER
Major, USAF
Deputy Secretary
Scientific Advisory Board
Office of the Chief of Staff

C 7911

NOTE PAPER

DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
WASHINGTON 25, D. C.

DEPARTMENT OF DEFENSE
UNITED STATES OF AMERICA

AFCSA

20 August 1952

Dr. Edward Teller
Radiation Laboratory
University of California
Berkeley 4, California

Dear Dr. Teller:

You are invited to participate in a meeting of the Scientific Advisory Board to the Chief of Staff, U. S. Air Force, to be convened at Cambridge Research Center, 230 Albany St., Cambridge, Massachusetts, on 9-10-11 September 1952.

In accordance with the provisions of your Blanket Travel Orders dated 30 June 1952, you are authorized to proceed from Berkeley, California, to Cambridge, Massachusetts and return, with variations as may be necessary, for the purpose of attending this meeting.

Compensation for your consulting services at this meeting will be made under the terms of your U. S. Air Force Contract Number AF33(600)6464(S#1).

Sincerely,

M P Maier

M. P. MAIER
Major, USAF
Deputy Secretary
Scientific Advisory Board
Office of the Chief of Staff

Standard Form No. 1012a—Revised
Form prescribed by
Comptroller General, U. S.
November 7, 1950
General Regulations No. 88

CROSS-DISBURSING FOR AIR FORCE

# TRAVEL VOUCHER

D. O. Vou. No. 820493

Bu. Vou. No.

U. S. Department of the Air Force
(Department, bureau, or establishment)

Payee's name Dr. Edward Teller

Mailing address Radiation Laboratory
University of California
Berkeley 4, California

PAID BY
W. J. FABRITIUS
LT COL, FC
Washington, D.C.
OCT 1952
Sym. 215-461
Sta. No. 4219

Berkeley, Calif.
(Official duty station)
(Residence—For use by Postal Service employees only)

Travel and other expenses in the discharge of official duty from 9 Sep 52 (Date) to 11 Sep 52 (Date) under authority No. Hq USAF Ltr O dated 20 Aug 52 copy of which is attached, or has been previously furnished. I have a travel advance of $ ______ to which $ ______ of this voucher should be applied.

## MEMORANDUM

(For Administrative Use)

APPROVED:

4th COPY

TO: PAYEE

| | DOLLARS | Cents |
|---|---|---|
| AMOUNT CLAIMED → | 27 | 00 |
| Differences: | | |
| Total verified correct for charge to appropriation(s) (initials) | 27 | 00 |
| Applied to travel advance (appropriation symbol) | | |
| NET AMOUNT TO TRAVELER | 27 | 00 |

The next previous voucher paid under the same travel authority was:

D. O. Vou. No. ______, paid ______ (Month—year) by ______ (Insert name and symbol of disbursing officer)

## MEMORANDUM

### ACCOUNTING CLASSIFICATION (for completion by Administrative Office)

| Appropriation, Limitation, or Project Symbol | Appropriation Title (Optional) | Limitation or Project (Amount) | Appropriation (Amount) |
|---|---|---|---|
| 5733400 | 343-1614 P 481-02 S 49-615 | | $27.00 |

| Allotment Symbol | Amount | Obligations Liquidated | Cost Account Symbol | Cost Account Amount | Objective Classification Symbol | Objective Classification Amount |
|---|---|---|---|---|---|---|
| | | | | | | |

Paid by Check No. 141077

Dated OCT 23 1952

## MEMORANDUM

16—63078a-1

August 15, 1952

Dr. David T. Griggs
Department of the Air Force
Office of the Chief of Staff
Pentagon Building
Washington, D. C.

Dear Dave:

I am sending off my comments on Bethe's History today. I hope that the delay in sending these won't be too bad. I am not sending y ou a copy because I do not know whether you would wish to have that sort of thing in your present office. When you come to the Radiation Laboratory, I hope to show you a copy of my reply.

I hear that Ernie Plesset is coming to Berkeley on Monday. I did not hear whether or not you are planning to come on that day or at any other time. I shall have to settle a few things in the near future, and, in particular, I must collect my family and bring them to the Bay Region. This will take most of my time until the early days of September.

As I have told you, we are going to have a conference on the problems of the Laboratory from September 15 to September 30. I am very anxious that you join us for that conference; if possible, for the full extent of it. Please let me know when you will come and how long you will stay. If I am not around, my secretary will take any necessary steps. I think that by that time the move to Livermore will be accomplished and all visitors will be accommodated at a place not too far from Livermore.

With best regards,

Edward Teller

ET:PD

Wrtn 10 Aug 51, Maj Blasingame/mw/AFCSA/
71058

1951

Dr. Edward Teller
Los Alamos Scientific Laboratory
Post Office Box 1663
Los Alamos, New Mexico

Dear Dr. Teller:

MAR- 9-94 WED 10:17 HQ USAF/SB WASH DC P.02

As you probably know, the Scientific Advisory Board to the Chief of Staff, United States Air Force, was established in March 1946 to assist us with the various scientific problems relating to the U. S. Air Force mission. Since that time, the Board, under the Chairmanship of Dr. Theodore von Karman, has been of material benefit to our research and development program.

I feel that your extensive experience in the field of atomic energy would be very helpful to the Air Force in planning its scientific activities. Consequently, I am very pleased to extend this invitation to you to serve as a Member-at-Large of the Scientific Advisory Board for the Fiscal Year ending 30 June 1952.

The entire Board meets in two or three-day sessions twice a year. In addition, you probably would be asked to participate in an occasional meeting of the Aircraft Panel and the Armament and Explosives Panel. Board members are compensated for their services in the amount of $50.00 per day, plus reimbursement for travel expenses.

I hope that you will be able to join in the undertakings of the Scientific Advisory Board. If you find this is possible, I would appreciate your decision at your earliest convenience.

Very sincerely yours,

HOYT S. VANDENBERG
Chief of Staff, United States Air Force

Wrtn 10 Aug 51 Maj Blasingame/mw/AFCSA/
71058

1951

Dr. Edward Teller
Los Alamos Scientific Laboratory
Post Office Box 1663
Los Alamos, New Mexico

Dear Dr. Teller:

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I hope that you will be able to join in the undertakings of the Scientific Advisory Board. If you find this is possible, I would appreciate your decision at your earliest convenience.

Very sincerely yours,

HOYT S. VANDENBERG
Chief of Staff, United States Air Force

UNIVERSITY OF CALIFORNIA
LOS ALAMOS SCIENTIFIC LABORATORY
(CONTRACT W-7405-ENG-36)
P. O. Box 1663
Los Alamos, New Mexico

IN REPLY
REFER TO:

September 6, 1951

Gen. Hoyt S. Vandenberg
Chief of Staff
United States Air Force
Washington, D. C.

Dear Gen. Vandenberg:

Dr. Edward Teller has been out of town and did not see your letter of August 23 before he left. However, he was in communication with his office yesterday, your letter was read to him, and he has asked me to write you that he will be most pleased to serve as a Member-at-Large of the Scientific Advisory Board to the Chief of Staff, United States Air Force.

Dr. Teller will wish to answer your letter more fully when he returns, but in the meantime wanted you to know that he appreciates your invitation to serve on the Advisory Board, and that he is happy to accept the invitation.

Very sincerely yours,

Ruth P. Brockett

Ruth P. Brockett
Secretary to Edward Teller

201

BGP

9/11